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№ 102 P 3 4/4.—

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150 м

28201
28202
28203
28204
28205
28206
28207 } See preceding book, pp 101, 102.
28208
28209
28210
28211
28212
28213
28214
28215

28216	Mor.	T		Aug. 27 Dense forest (Bet. Yana-yacu & Arman yacu) ± 150 m
28217	Acanth.	H	Cor. cr. w.	
28218	Physalis	H 2-3'	Br. g., hyp. shrub	
28219	Malpigh	Scandent		
28220	Marcgravia	W V climbing tr. tr.		
28221	Combretaceae Tournefortia sp?	S	Cor. w also	
28222	Legum.	T climber 10-12'	Br. r.; Cor. yellow	
28223	?	S along tr.		
28224	Rub.	S	Cor. w	
28225	~~Leguminosae~~ ?	~~T climber 10-12'~~	~~Cor tubular, obs~~ pet.	
28226	?	W V	Br. light v	
28227	Leg. ?	S		
28228	~~Mor.~~ ? ?	T		
28229	?	S		
28230	?	S	Br. or.	
28231	Piper	T 12-15'		
28232	Acanth	N Comm	Cor. light bl	
28233	Amid	H tu	Red. rolled back g. b-w; spathe-	
28234	? "cacahuilo"	S 5-6'		
28235	Leg.	W. V.		

28236	?	S elong Fr!	
28237	Piper	S 4-6'	
28238	Philodendron	Ep	
28239	~~Peperom.~~ ?	S	Fr. light gr Sep. ?, y prox
28240	~~Peper~~ ?	T	
28241	?	T 12-15'	Fr. pi
28242	?	S	Buds y
28243	Guava	H 3-4'	
28244 →	?	T	
	~~Rub~~ ?	T ~~T~~ ~~S~~	
28245			
28246 →	Rub.	S	Fr. dark gr
28247 →	Acanth.	~~H~~ Shrub erect, ±1.5	Cor. w
28248	?	S slender	
28249	Eucrosia	H mc	Per. w
28250	Selaginella	H	
28251	Begonia	H scand.	
28252	Melast.	S slender	
28253	Rub.	S ornam T	Fr. w
28254	Acanth.	H.	Cor. bright y
28255	Cuba A "barbusco"	T 6-8' subsc.	±1000 plants
28256	Peperomia	H rhizom T	
28257	?	T	
28258	Philodendron	Ep	Spath (bright y already)
28259	Serjania	WV	
28260	Anon.	T	
28261	Aristolochia	Ep	Fr. black
28262	Cordia	S 6-8'	
28263	Rubus	WV	Fr. r.
28264	Rub.	S	
28265	~~Eugen.~~ ? Rub.	~~S~~	Br. sp.
28266	~~Lasiacis~~ ~~Bromel.~~	HV.	
28267	Bromel.	Ep Bracts r	Per. y; Fr. w prox, bl. dist.
28268	Melast.	S	Pet. pi
28269	Maranth.	H ± 2'	
28270	Rub.	S	Cor. w

Aug. 27. Dense forest (Bet. Yana-yacu + Armanayacu)
I 150 m.

(Armanayacu)

clearing (cult.)
d-S.

28271	Mon.?	T		
28272	Cyathea	TF	Caud. 8'; fr. 6'	
28273	Inga	T		Fils Pi.
28274	Piper	T	12-15'	
28275	Laur.?	T		
28276	Acanth.	H	2-3'	Cor. pi
28277	~~Rub.~~ Logan	S	erect 5-7'	Cor. tubular y, lobes yr
28278	Asplenium	Ett		
28279	Moss	On tree		
28280	Hep	On tree		
28281	?	T		Fr. purplish berry
28282	?	S	erect	Buds yish
28283	?	T		Fr. deep r
28284	Urvillea	WV		Fr. yish bec. r.
28285	Anthurium	Ett		
28286	Fungus	On log		
28287	Fungus?	On log		
28288	Mon.?	S	erect	
28289	?	T		
28290	Clavija	S	erect	Fr. y
28291	?	T		
28292	?	T		Fr cr.-w
28293	Melast.	T		Fr. purple
28294	Anthurium	Ett		Spadix pk
28295	?	T		
28296	Leg.	WV	??	Fr. r.
28297	Passiflora sp?	HV	lvs gr-bas gr. l white variegated along nerves	
28298	~~Leg.~~ Bignon	WV		
28299	Tradescantia	H		Per. w
28300	Cube A "barbasco"	T	slender ± 750 trees on 5-8', upper br. scarl.	(Soil neutral # 7)
28301	Serjania	V	± woody	Fr. pinkish.
28302	Bauhinia	WV		Pet. cr. w
28303	Acacia	S	rubbe	Pet. y-g; fils yish w
28304	~~Euph.~~ ? Polygon	S	ecaul.	Fr. pink.
28305	Leg.	WV		

Aug. 27 Dense forest (Arnanayacu) ± 150 m.

Aug. 30. Woods (Bet. Yurimaguas o Fortaleza)

Soil taken to Washington Ph 15, C-44

(Fortaleza)

28306	Cucurb.	H.V.	Cr. pinkish w	Aug. 30 woods (Fortaleza)
28307	Inga	T 20-30'	Fals w, bec. pi.	~~thickets~~
28308	Ipomoea	HV	Cr w	
28309	Mimosac.	T 25-30'	Fr. deep pink	
* 28310	Bauhinia	S 10-12' Br. scand.		
28311	Passiflora amiculata	HV		PhK, c-~~45~~ 46
28312	?	T 12-15'	Fr. reddish pink	clearing
28313	Anon.	T 12-15'		
28314	~~Laur.~~ Flac.	T 20-25'		woods
28315	Cucurb.	HV	Fr. r.	(Bet. Y. & Fortaleza)
28316	Mushroom	On log	Pl w	
28317	? "espintano"	T 35-40' Tr ±1.5'	used for building houses	
28318	Passiflora sp?	HV	Fr. dark pr, tendril	4-9 PhK, c-~~46~~ 45
28319	Cucurb.	HV	high climbing; local not obtainable Calyx, cr y	
28320	Aroid	Hter	Spathe dark pr, fruit pink w dust pr	
28321	Acanth.	H 3-4' in ditch	Cor. pinkish w	
28322	Didymomena	H	Infl. w	
28323	Crotalaria	H 2-2.5' ± woody	Cal. cr. y	
~~28324~~	Irginea	S ~~8-12'~~ W.V.	~~Cal. tr.~~ Cor. w.	Aug. 28 thickets Bet. Yur. & Balsapuerto ± 150 m.
28325	Cubr A	S ~~5-8'~~ semi-scan,	about 3 fl. along path, not coll.	dense forest (bet Yanamayacu & Balsa-)
28326	Mikania	H.V.		
28327	Piper	S 6-8'		
28328	?	S 8-12'	cor pinkish w.	
28329	mb.	S 4-7'	fr. deep pur.	
28330	genus	W.V. apprent & tr.tr.	fr. rich p.; cor. y.	
28331	~~Solan.~~	S 10-12'		
28332	Habenaria	H 2-3'	5 per seq. lip & col. Cr. w.	
28333	Piper	H 2-3' I woody below		
28334	melast	H 2-3' I woody below	fr. deep pur.	
28335	?	T slender. 10-12'	fr. pinkish w.	
28336	melast	S 7-10'		
28337	genus.	H 2-4'	fr. o.	
28338	melast	S 4-7'		
28339	?	S 8-12'	cal. & cor. cr. w.	
28340	Sellaginella	H		

28341	?	S	10-12'	cal. yish. g.
28342	Centrosogon	H	2-5'	cr. r. proj. g. duct cor. hel. g.
28343	acaulis.	H	3-5'	cor. gnarl. y.
28344	Platyblac?	S	5-8'	~~fr.~~ & sta. w.
28345	Cyclanthus	H	caudex 3-5'	
28346	Clidemia	H	1-3' + woody below	br. p.
28347	Guatteria	S	10-12'	fr. deep bl.
28348	acaulis	H	1-2'	cor. ~~cr. w.~~ pale bl. brs. purple beneath
28349	Polypodium	E. H.		
28350	Sellaginella	H		
28351	?	~~S~~ T	40'	
28352	?	T	10-15'	
28353	? melast	S		
28354	?	~~H~~ V.		
28355	acaulis	H	2-3'	cor. w.
28356	acaulis	H	2-3'	cor. br. r.
28357	?	H		~~cr~~ per. w.
28358	Psychotria	S.	8-12'	cor. y.
28359	? Rubp.	S.	10-15'	
28360	rub. ?	T.	10-15' slender	cor. yeast w.
28361	rub.	S.	4-7'	fr. w.
28362	Epiphyllum	E. H.		cor. rich p.
28363	Epanma	T.	slender. 10-12'	fr. r.
28364	?	T.	20-25'	
28365	Jacaranda ? Dalbergia?	T.	20-25'	
28366	~~sapind~~. ?	S.	lean. dependent	fr. y.
28367	Anthurium	E. H.		
28368	leg.	T.	15-20'	fr. br. o.
28369	cucurb.	H. V.		
28370	Piper	S.	10-12'	
28371	Ipomoea	H. V.		
28372	Bihai	H	6-10'	~~fr~~ br. r. pur. y. to g. duct
28373	rub.	S.	8-10'	fr. bldr.
28374	?	S.	10-12'	fr. deep pur.
28375	? Rubc. ?	H. V.		pet yeast g.

Aug. 28 dense forest. bet. V & B. (bet. Anvidinayacu & B) ± 150 m.

28376	?	T	15-20'	fr. r. tepus.	
28377	apoc.	T.	12-15'	cor. gnats. w.; fr. y.	
28378	Phyllodendron	E.H.			
28379	? Rub.?	S.	10-12'	cor. w.	
28380	Carludovica	E.H.			
28381	Ficus	~~S.~~ T.	10-12'		
28382	Peperomia	E.H.			
28383	rub.?	S.	4-6'		
28384	Carludovica	H	ter.		
28385	Piper	S.	7-10'		
28386	? Euo:	S.	10-12'	cor. w.	
28387	Solanum	S.	8-12'	fr. br. o.	
28388	Psychotria	S.	8-10'	fr. br. o.	
28389	Miconia	T.	10-15'	fr. y.	
28390	~~myrt.~~ ?	S.	10-12'	cor. w.	
28391	anon. ?	T.	15-20'	fr. g, lng. w. par.	
28392	Polypodium	E.H.			
28393	? Rut.	S.	8-10'	fr. deep pur.	
28394	Piper	S.	6-8'		
28395	anon?	T.	10-15'		
28396	Rut.	T	10-12'		
28397	?	S.	6-10'	fr. o.	
28398	rub.	T	10-15'		
28399	?	S.			
28400	anon. Laur.?	T.	20-25'	cal. br. r.; fr. g.	
28401	~~myrt.~~ ?	S.	10-12'	cor. yel. w.; ripe caly~~x~~ r.; fr. g. per. y.	
28402	orchid	E.H.			
28403	Selaginella	H			
28404	acanth.	H	slender.	per. pale br. fr. deep pur.	
28405	Psychotria	T.	10-15'		
28406	?	T	10-15'		
28407	melast.	H	1-2.5' woody below.	fr. r.	
28408	Trichomanes	H			
28409	?	S.	10-12'	buds pale g.	
28410	Piaiaea	H			

Aug. 28 dense forest Balsapuerto 150-350 m.

29

28411	rub.	S.	4-6'	fr. deep r.
28412	Passiflora	H U.	juvenile	
28413	~~rub.~~ Rubiaceae	T.	10-12'	
28414	aroid.	E H.		fr. deep r.
28415	melast	S.	3-5'	
28416	aroid	E H.		
28417	Palicourea	S.	4-6'	car. green y.
28418	gesner.	H.	2-4'	cal. & fr. o.
28419	? Rubiaceae	T.	10-12'	fr. o.
28420	Piper	H.	2-3' F woody below	lus. pur. beneath
28421	aroid	E H.		spike o.
28422	?	S.	8-12'	fr. green y.
28423	melast	H.		cal. g., lobes r.
28424	rub.	S.	8-12'	buds y.
28425	Piper	T.	slender, 8-10'	
28426	Piper	S.	7-10'	
28427	Polypodium	E H.		
28428	Peperomia pluvinra	E H.		
28429	Pilea	H.		
28430	Asplenium?	H.		
28431	?	S.	10-12'	
28432	?	T.	12-15'	
28433	leaf nest	on leaves		
28434	?	T.	10-15'	fr. o.
28435	Sipanuna	S.	8-10'	
28436	? Rub	S.	5-7'	cal. br. r.
28437	melast	S.	6-8'	pet. p., cal. g., anth. y.
28438	laur. ?	T.	20-25'	
28439	Piper	S.	8-12'; trans. elong.	
28440	Carludovica	E H.		
28441	~~Geonoma~~ Sab	S.	12-15'	
28442	gesner.	H.	3-5'	
28443	melast	S.	3-5'	
28444	Solanum	S.	6-8'	fr. br. o.
28445		T.	15-20'	cor. faint. pale y fr. o.

Aug. 29. dense forest Balsapuerto 150-350 m.

28446	?	H	1.5-2'			
28447	? Macfs.	S	10-12'	bds gray ish		
28448	?	S.	6-10'	fr. deep pur.		
28449	mb.	S				
28450	mb.	S	10-12'	fr. w.		
28451	Piper	S.	10-12'			
28452	?	T.	10-15'			
28453	Biliai	H	4-6'	br. rch p. dust.; per. y.		
28454	? melast.	S.		fr. pur.		
28455	?	S		fr. deep pur.		
28456	?	T	15-20'	fr. deep r.		
28457	?	T.	10-15'	fr. y.		
28458	Cube A "barbasco"	S.	8-10'; ± 500 sq. ft. in Indian clearing		clearing	
28459	Tephrosia "tiran barbasco"	S.	4-5'	about 3 sq. ft., same place	d. S.	
28460	?	S.				
28461	anon. ?	T.	25-30'			
28462	leg.	S.	10-15'			
28463	leg.	arturgs				
28464	melast	H		fr. pur.		
28465	? Clavija	slender, T.	8-10'	bds pale y.		
28466	?	T.	18-25'	fr. r. dist.; pale y. prox.		
28467	Pilea	H				
28468	Carludovica	H	on rocks in stream bed			
28469	acanth	S.	3-5'	br. br. r.; cor. y.		
28470	mb.	H	4-6'			
28471	Pilea	H				
28472	Campylocneuron	E. H				
28473	melast	H		fr. pur. to pale bl.		
28474	?	S	lax.	fr. deep pur.		
28475	? Euphorbia	T.	10-15'			
28476	Begonia	H		jet. w.; ant. y.		350-550 m.
28477	?	S.				
28478	Injoglens	H				
28479	melast	H		fr. pale bl.		
28480	Anthurium	H	ter.			

Aug. 29 dense forest Bala a puerto 150-350 m

28481	?	T.	12-15'	cor. pale y.
28482	melast	H.	1-2'	fr. deep bl.
28483	mb.	S.		cor. pale y.
28484	?	S.	12-18'	fr. y.
28485	? Solanum	S.		fr. pale y.
28486	?	T.	15-20'	fr. daffodil.
28487	aroid	E. H.		
28488	Sellaginella	H.		
28489	moss	on moist rocks		
28490	hep.	on moist banks		
28491	Acalypha	S.	5-7'	sty. r.
28492	? Rubi	S.	4-6'	cor. r.
28493	mb. ?	S.	3-5'	cor. w.
28494	Asplenium	E. H.		
28495	Tripteris	H.	on moist rocks	
28496	Dryopteris	H.		
28497	acanth Apoc.	H.	4-5'	cor. pale ry.
28498	Elaphoglossum	E. H.	slender	
28499	aroid?	E. H.		
28500	Polypodium	E. H.		
28501	? melast	H.		
28502	Anthurium	E. H.		spike pur.
28503	Carludovica	H.	br.	
28504	acanth	H.	2-3'	cor. pale bl. Cover lip bl.
28505	?	S.		
28506	Diplazium	H.		
28507	? Sol	S.	3-4'	cor. taut cr-w.; fr. deep r.
28508	Adiantum	H.	slender	
28509	Piper	l.	8-12'	
28510	Adiantum	H.	low	
28511	melast.	S.		
28512	Guatteria ?	S.	8-12'	
28513	acanth.	H.		cor. pale y.
28514	?	S.	8-10'	bd. br. y.
28515	?	S.		fr. black

Aug. 29 dense forest Balsapuerto 350-550 m.

28516	? Ver	S.		
28517	Pteris	H		
28518	nib.	S		
28519	?	S.		
28520	? Nephr	S.	tril. y.	
28521	fern	H		
28522	Dryopteris	H		
28523	~~Guatteria~~ ?	S.		
28524	Piper	S.	4-6'	
28525	Peperomia	H	ter.	
28526	Diplazium	H	fr. 5-6' l.	
28527	Stigmena	S.	8-10'	fr. pale r.
28528	serpent.	S.	10-15'	pet & sta. w.
28529	alsoa?	T	20-30'	
28530	Sellaginella	H	trunk steely bl.	
28531	hep.		on branches	
28532	Dryopteris	H		cor. pale y.
28533	nib.	H		
28534	?	S.		
28535	Polypodium?	H		
28536	Piper	S.	8-10'	
28537	? Chusq	S.	slender,	fr. deep r.
28538	Piper	S.	10-12'	
28539	Hymenophyllum	E. H	10-12'	
28540	Dryopteris	H		
28541	Cyclanthus	H		
28542	Psychotria	I.	10-15'	cor. y.
28543	Peperomia	E. H		
28544	commelin?	H		lvs pur. beneath fruits bl.
28545	?	S.	10-15'	fr. pink. w.
28546	palm.		tunic 3-5' slender erect, trans of infl. r.;	fr. pur.
28547	moss		on log	
28548	aroid	E. H		
28549	?	S.	8-12'	fr. o. y.
28550	acanth	H		cor pale ill-

Aug. 29 dense forest Balsapuerto 350-550 m.

28551	?	T	10-15'		Aug. 29	dense forest	Balsapuerto 350-550m
28552	?	S.		fr. r.		
28553	anan. ?	S.				
28554	acanth	H	3-4'			
28555	solan.	S.	3-4'	car. cr. w.; ant. y.; fr. deep r.		
28556	gesner ?	H	2-3'			
28557	Solanum	H	1-2' f woody 3-4'	car. cr. w.; ant. y.; fr. r.		150-350 m.
28558	melast	S.		fr. r.		
28559	? ~~Rub~~	S.				
28560	melast.	H	2-3' f woody			
28561	melast	T	12-15'	fr. pur.		
28562	sterc ?	S	4-5'			
28563	Piper	S.	6-8'			
28564	?	T.	8-10' slender, fr. from tr. about 4' up., spathe yellow.	fr. pur.,		bo in crown at summit
28565	aroid	EH				
28566	?	S	10-12'	young. cor. green. w.		
28567	? Rub	S.	2-4' spreading	fr. pale r.		
28568	? Mon.	S.				
28569	~~rub.~~ ?	H		fr. deep pur.		
28570	Piper	S.	8-12'			
28571	rub.	S.	7-10'	bran. of diff. & car. rich pur.		
28572	Solanum	S.	4-6'	car. f. & pale y.; fr. pale o.		
28573	Campylocnemus	F.				
28574	Piper	H.	6-8'			
28575	melast	S.	4-6'	ant. y.; fr. rich p.		
28576	Aristolochia ? Succ.	H	(sterile)			
28577	rub.	S	8-12'	fr. deep pur.		
28578	~~rub.~~ Psych.	H	3-4'	car. pale y.; fr. r.		
28579	Carludovica	H				
28580	Acalypha	S.	8-10'	sly. r.		
28581	Piper	S.	8-10'			
28582	~~rub.~~ ?	S.	4-6'	car. w.		
28583	?	S.	10-15'			
28584	?	S.		fr. o.		
28585	? Acanth	S.	slender, 6-10'	fr. o.		

25586	Cube A.	T.	10-12'; top lau. scan.		Aug. 29	dense forest	Bahia Honda 150-300 m.
25587	?	T.	12-18'	buds g.			
25588	? clavija	T.	slender.	fr. o.			
25589	rub.	T.	10-12'	fr. o.			
25590	? stem	H	2-3'	fr. o.			
25591	melast.	S.	6-10'				
25592	rub?	S.	3-5'				
25593	melast.	S.	6-10'	fr. w.			
25594	Polybotrya	S.	spreading.	fr. deep r.			
25595	gesner.	H	2-3' sp. on tr. b. on sandy soil	cor. w, marked inth bl.			
25596	Adiantum	H					
25597	~~nigr~~ ?	S.	10-12'	pet. w.			
25598	Piper	S.	8-10'				
25599	?	T.	10-12'	fr. dull r.			
25600	Tibouchina	S.	spreading.	pet. pale bl.; gutty.	Aug. 30	clearing - woods d. S.	
25601	melast	S.	2-3'	cal. g. plate; pet. fadg p.			
25602	Polypodium	S.	8-12'				
25603	orchid	E H.		fr. g.			
25604	~~melast~~ ?	E H.					
25605	orchid	S.	10-15'				
25606	rub.	E H.		fr. g.			
25607	?	S.	8-10'	fr. br. o.			
25608	Asplenium	T.	12-15'				
25609	apoc.	E H.					
25610	?	H. U.		cor. cr. w.		woods d. S.	
25611	Piper	S.	10-12'				
25612	laur?	S.	7-10'				
25613	aroid	T.	20-25'				
25614	Adiantum	E H.					
25615	Asplenium	H.					
25616	Vittaria	E H.					
25617	Scattered Acanth	H. U.		cor. grels w. ant. & sty fur.		woods	
25618	melast	S.	~~10-12'~~ 4-6'			~~d. S.~~	
25619	euph.	S.	10-12'	pet. rich p.		woods	Pk. S. 22-30
25620	aroid	T.	30-35'				
		E H.		spike o.		d. S.	

26621	Cube A	T.	10-12'	
26622	~~anon.~~ ?	T.	15-20'	
26623	aroid	E H		
26624	orchid	E H		fr. pale g.
26625	melast.	S.	3-4'	fr. deep pur.
26626	? Trema	S.	~~5-8'~~	fo. o.
26627	?	S.	10-12'	cor. pale y.
26628	aroid	E H		
26629	Carludovica	E H		
26630	?	T.	15-18'	car. & fil. cr. w.
26631	Ficus	on tree		
26632	Peperomia	H	sp.	
26633	Cucurb.	H		cor. br. o.
26634	melast	S.	trau. elong to 10'	pet. p.; anth y.
26635	rub?	S.		cor. cr. w.
26636	? Pal	T.	10-15'	
26637	gleich.	T.	~~to tr. tr.~~ affressed	br. br. r.; cor. y.
26638	mor. ~~Pal~~ ?	T.	15-20'	fr. cr. w.
26639	rub.	S.	8-10'	fr. o.
26640	aroid	E H		
26641	? Rut	S.	8-12'	fr. greeny
26642	Polypodium	E H		
26643	mus	on tungs		
26644	~~mor.~~ ?	T.	12-15'	
26645	? Rut	T.	10-15'	fr. o.
26646	hep.	on tree		
26647	hep.	"		
26648	Centropogon	H	3-4'	car. nich. p.
26649	rub?	H	1.5-2'	fr. pale y.
26650	aroid	E H		
26651	~~rub?~~ ?	T.	10-15' slender	buds pale y
26652	hep.	on tungs		
26653	Poly botrya	E H		buds w.
26654	rub.	S.		cor. w.;
26655	rub.	S.		fr. ~~fleck~~ deep bl.

Aug. 30. dense forest Babaquerte 150-350 m.

25656	?	T.	slender fr. at trunk, fr. deep pur. 10-12.	Aug 30	dense forest	Balsa fuerto 150-350 m.
25657	?	S.				
25658	bep.	ar.	lungs			
25659	?	S				
25660	Peperomia	H.	ter.			
25661	Asplenium	H				
25662	sapind	S.	irreg. elong.			
25663	Polypodium	E.	H			
25664	aroid	P.	H fr. & spathe pur.			
25665	?	W.	U buds w.			
25666	sapind.	H.	U. fr. r. cor. cr. w.			
x 25667	acanth?	H				
25668	aroid	E.	H spikes o.y.			
25669	?	S.	fr. deep pur.			
25670	Peperomia	E.	H			
25671	?	I.	10-15'			
25672	?	H	fr. pur.			
25673	grass	H.	4-6' tangled			thicket d. S.
25674	Peperomia	E.	H			
25675	aroid	E.	H			
25676	aroid	E.	H			
25677	Carludovica	E.	H spikes y.			
25678	buf.	on	trees			
25679	nib.	H	2-3' fr. w.			
25680	?	H	fr. r.			
25681	? Uncaria	S	buds g.			
25682	Nymphaea	H	in stag. water			open swamp.
25683	Cleobanis?	H	..			
25684	Peperomia	E.	H			d. S.
25685	Curcuma	E.	H spikes y.			
25686	grass?	H	4-5'			
25687	aroid	E.	H spathe yell.			
25688	aroid	E.	H			
25689	aroid	E.	H			
25690	phytol?	S.	7-10. sp. & fr. nich p.			

28691	?	S.	10-12'		Aug. 30	dense forest	Balsa puerto 150-350 m.
28692	aroid	E.Th.				
28693	aroid	E.Th.				
28694	acanth.	H	2.5-3'	cor. white lvs. pur. beneath epiphyt.		
28695	aroid	E.Th.				
28696	?	S.	12-15'	cal. y.	31		Bet. Y. & B. I 150 m. [bet. B. & Yana-yacu]
28697	?	S	3-4'	cor. cr. w.		
28698	palm	~~tirunp~~ trunk. 2-4'; fr. in large heads at base of lvs.; lvs. 10-20'.			fr. edible		
28699	? Carph?	T.	10-15'	buds w.			
28700	?	T.	8-12'	buds cr. w.			
28701	?	S. clavg.	10-12', trans	pet. y.			
28702	? Piper	W.U.		fr. o.			
28703	solan?	T.	8-12'	car. pumctg.;	Sept. 1.		[bet. "Fortaleza & Y.]
28704	?	T.	15-18'	~~fr.~~ fr. g. fr. o. becoming black			
28705	Passiflora	Th U.				woods	Yurimaguas
28706	Hevea	T.	35-40'	buds cr. w.			
28707	cannel?	H				dense forest	Santa Rosa
28708	? Leg.	S.	or sm. T.	fr. y.			
28709	Comp.	H	coarse	floret y.			
28710	Solanum	S	subscan.	fr. o.			
28711	rub.	S.	low.	fr. br. bl.			
28712	rub.	S.	2-3'	fr. br. bl.			
28713	Rhendoncia	H.		cor. pale bl., imbricd w. pur. in.			
28714	aroid	H	tere				
28715	acan?	S	6-9'				
28716	Passiflora	Th U.				thickets	
28717	?	S	19'	fr. g.		d. S.	
28718	Bilia	H	4-6'	br. deep r.; pur. y.; fr. deep bl.			
28719	Paullinia	Th U.		fr. g			
28720	cucurb.	H. U.		cor. pale g.;			
28721	comp.	S.		cal. o. y.; rasp br. r.; cor. y.; lobes o. r.; sty y.			
28722	Guatteria?	S.	or sm. T.	cal. deep pur.; fr. g.			
28723	Peperomia	E.Th.					
28724	Peperomia	~~E.Th~~	tor.				
28725	acanth.	S.	3-4'	cor. & fil. br. r.; fr. gr.			

28726	cucurb.	H	O.	cor. o.r.; ant. y.	Sept. 1.	dense forest Santa Rosa
28727	rub.	S.		bran. & infl. pur.; fr. g.		
28728	Piper	H	3-4'	fr. (incl. st.) ± 4'l.		
28729	palm.	S.		fr. pale y.		
28730	? Leg.					
28731	mushroom	I.		infl. direct on trs. & bran.		
28732	?			cor. buds greenish w.		
28733	Lycopteris	H		orsm. P.		
28734	Piper	S.		cor. y.; fr. def. pur.		
28735	rub.	S.				
28736	Polygonia	H	2-4'	br. ridg.; per. y.		
28737	? Leg.	S.		fr. o. y.		
28738	?	S.				
28739	Bradburya?	S.		bran. elong	pet. pale bl. fr. beginning dep. r.	2.
28740	?	S.				
28741	~~Leg.~~ sap?	S.			fr. p.	
28742	Liparoma	S.		or sm. T.		
28743	Piper	S.				
28744	Inga	T.				
28745	melast	T.		bran.	fr. o. p.	
28746	rub.	S.	6-10'	bran. of infl. pur.		
28747	Piper	S.		or sm. T.		
28748	Piper	S.		bran.		
28749	cucurb.	H.		cor. br. o.; ant. y.		
28750	aroid	E	H.	spike pur.		
28751	rub. Logania	S.	5-7'	cor. tubey., young lobes y.		
28752	?	S.	or sm. T.	fr. g.		
28753	?	S.		fil. p.; ant. pale y.		
28754	melast	T.	slender	pet. br.; ov. y.; fr. pale bl.		
28755	?	S.	7-10'			
28756	melast	S.		bran.		
28757	Nertera	H		repent	fr. o.	
28758	Alsophila	T.		caudex erect	3-4'	
28759	Habenaria	T.		fr. (incl. st.)	5-7'	
28760	Polybotrya	H		ter.	5'; sep. pale y.; lip. & col. br.	
		H		climbing up tr. trl.		

28761	Alsophila	H		Sept 2 dense forest	Santa Rosa
28762	?	H.U.			
28763	aroid	E H	mbt. on tr. & bran;		
28764	?	T.	cor. paleg.		
28765	mass?	ad dry soil			
28766	mb.	S. 6-10'	trap. of mbt. ridg.;		
28767	Piper	T. tav.	fr. pur.		
28768	Peperomia	E H			
28769	aroid	E H	fr. ridg.		
28770	gesner.	S.	br. r.; car. paleg.		
28771	aroid	E H			
28772	aroid	E H			
28773	~~taxac~~?	S			
28774	melast	H ~~4~~ 2-3'	fr. ridg pur.		
28775	aroid	H woody			
28776	Sellaginella	H ter.	spike w.; spathe		
28777	sub.	H 2-4'	paleg. out, w. in.		
28778	?	S	fr. o.		
28779	~~myrt~~ ?	S or sm. T.	cal. & cor. w.		
28780	aroid.	S.	buds paleg.		
28781	Alsophila	T	per. paleg.;		
28782	?	I.	caud. erect, slender, 6-7';		
28783	Piper	I. I. stipe ± 2'	fr. 6-8'		
28784	Piper	S.	fr. o. y.		
28785	Adiantum	T. slender			
28786	Dryopteris	H			
28787	Cecropia	H			
28788	Carludovica	T.	lvs. up to 3' diam.		
28789	Peperomia	E H			
28790	Polypodium	E H			
28791	?	E H			
28792	mb.	T.	fr. cr. w.		
28793	sapind?	S.	fr. dep bl.		
28794	Polybotrya	T. erect, ± 10'; lvs. at		fr. o, becoming black	
28795	solan?	T. summit; mbt. near base			
		E H			
		H U.	cor. paleg.; aut. paleg.		

28796	aroid		E H		Sept. 2	dense forest Santa Rosa
28797	Licheonia		H			
28798	?		T.	30.	lvds pale g.	
28799	?		T.	± 40'	fr. bran.	
28800	? Pourouma		T.	30-60'		
28801	?		T.	30-60'		
28802	?		T.	30-60'		
28803	casp.		S.		pap. w.	
28804	lilien		a trees			
28805	melast.		S.		fr. deep pur.	
28806	? Psychotria		T.	10-15'		
28807	palm	"baralemasca"	V.			
28808	gramer.		S. bran.		br. g. pros, r. dist.;	
			S. elong.		car. y.	
28809	?		T		fr. y.	
28810	Piper		S.	or sm. T.		
28811	Tyleirosia	"tirano barbaco"	S.	3-5'	pet. y.	
28812	Cube A.	"barbaco"	T.	6-10' top	about 2 50 pl.	clearing
				transulucan.		
28813	Solanum	"coconilla"	H	coarse	car. pale bl.;	
				candex ± 1',	anth. y.	
28814	palm	"cathania"	P.	fr. 10-12'	fr. dull o. edible	d. S.
28815	aroid		E H.			
28816	rub.		S.		fr. g.	
28817	?	"comala"	T.	40-50; fr. base of	near trunk	
28818	Piper		S.			
28819	Polypodium		E H.			
28820	aroid		E H.			
28821	?		H.			
28822	Asplenium		E H.			
28823	Polybotrya		E H.			
28824	?		T.	12-15'	fr. o.	
28825	?		S.	or sm. T.		
28826	?		T.		lvds yel. g.	
28827	Solanum		H	2-4'	car. w.; anth. y.	cleaning
28828	bal.		H. V.		pet. bl.	
28829	?		S.			
28830	Ipomoea		H. V.		car. wilted	

28831	Melb.? Apoc.	S. a slender T.	cor. y.
28832	aroid	E H	
28833	acanth	H	cor. pale bl. in deeper bl. axil
28834	Piper	S.	
28835	Pilea	H	
28836	Peperomia	E H	
28837	Tectaria	H	
28838	virgib.	H	
28839	Piper	S.	bray. elong fr. in dense panicled base
28840	palm.		
28841	mushroom	on soil	
28842	lyc.	"	
28843	Pilea	H	coarse
28844	Vernonia	H	60-70', (spec. reddish)
28845	palm. "lumguravi"	T.	oil from fr.
28846	cucurb.	H U.	cor. buds yel. g.
28847	Cyclanthus	H	stem of infl. o.; fr. g.
28848	Piper	S 4-5'	
28849	Rhexia	H ± woody 2-3' bel.	
28850	? ~~Rubi~~ Verb.	T 12-15'	~~fr.~~ w
28851	Philodendron	H Cr	
28852	Melast.	H	fr. light bl.
28853	Dryopteris	H	
28854	Polypodium	E H	
28855	Myrsine.	S 8-10'	
28856	Anon.	T slender 12-15'	
28857	~~Rub~~ ?	~~H~~ T 15-20'	~~fr. red~~
28858	?	T 15-20'	Cr. w; fr. pi
28859	Acalypha	T 15-20'	
28860	Passiflora trifasciata	H V	sep.; pet. + fil. w. fr. bl
28861	?	T 80-100'	
28862	Vittaria	E H	
28863	Moss	On dec. log	
28864	Capsicum "ahi"	H Coarse 3-5'	
28865	Euph. ?	T 30-40'	fr. or. y

Sept 12 dense forest Santa Rosa

3 (R.R. cutting, near Km. ~~7~~ 15) north of Sta Rosa

clearing
dense forest

23366	Peperomia	Elt		
23367	Synthereima	H		
23368	Chenopodium	H ewas		
23369	Peperomia	H br		
23370	Acanth.	H	Cr tube gnds w lobes pithish -bl	
23371	Moss	On dec. log		
23372	Trichomanes	On tt		
23373	Peperomia	Elt		
x 23374	Acanth.	H		
23375	Voyria	H		
x 23376	Johannesia	S 3-4'	Pet. w Fr. r	
23377	Moss. ?	T 20-25'		
23378	?	T 20-30'	Fr. w	
23379	Philodendron	Elt	spathe w	
23380	Piper	S numb-br.	Spikes w, erect	
23381	Fern	On palm trunk		
23382	Anthurium	H ter	Spathe gr; spad. pi	
23383	Piper	S 6-8'		
23384	Malpigh	S 12-15'	Pet. y	
23385	Moss.	T		
23386	Eucrosia "amangay"	H from bulb	Per. w corona w, y at base	
23387	Rub	S 2-4' numb br.	Cor. or.-w	
23388	Acalypha	T 12-15'		
x 23389	Peperomia macrotachya"	H ter	Spikes w	
23390	?	T	Fr. deep purp.	
23391	Grass	H		
23392	Orchid	Elt	Per. veg. gr., lip wh	
23393	Acanth.	S erect ±5'	Cor. pi.	
23394	Polypodium	H reh on H br. o twigs		
23395	Cyclanthus	H ter		
23396	Epiphyllum	Elt	Fr. rich pi	
23397	Laur.	T 40-50'		
23398	?	T 40-50'	Pet. pink w	
23399	Peperomia	Elt		
23400	Rub -	S erect ±2'	Fr. bright bl	

Sept. 3 dense forest (R.R. cutting near Km. 15/7) north of Sta Rosa.

clearing

dense forest

(near Km. 20/15)

23901	Acanth.	H 2-3'	Cr tube w, lobes bl
23902	Polypodium	H 2ft br fronds	
23903	Hylocereus	Ep	
23904	? Phytol	H	Berlo gr.
23905	Carludovica	Ep	
23906	Rub.	HV	Cr. pubic r
23907	Cucurb.	HV	
23908	Sapot.	T 20-25'	Too at summit Flo. too. bare trunk
23909	Peperomia	Ep	
x 23910	Bivphytum	H	Pet. grish w
23911	Diplazium	H	
23912	Philodendron	Ep	spathe w spadix pi
23913	Myrsine	T 25-30'	
23914	Melast.	T 25-30'	
23915	Piper	T 8-12'	
23916	Piper	T 10-12'	
23917	Leg.	WV	stem ± 4" diam Fl. resembles Cuc. A
23918	Anthurium	Ep	
23919	Leptochilus	H	
23920	?	H ± 2' woody	Fls. y
23921	?	WV	high-climbing; stem ± 6" thick Fl. brown part main stem;
23922	Anthurium	Ep	
23923	Aristolochia	HV	Barren
23924	Clavija	S erect 8-10'	
23925	Hep.	On branches	
23926	Acanth	S erect ± 6'	Cor. pi.
23927	Polypodium	H ter	
23928	Tectaria	H	
23929	Melast.	T 25-30' tr. ± 3"	
23930	?	V ± woody	Sept. 4
23931	Rub.	S 3-4'	appressed to tt. Cor. tube w, lobes w, y-tinged at mouth
23932	Xanthosoma	Ep	
23933	Laur.	T 30-40'	
23934	Trichomanes	H	
23935	Hep.	On bank	

Sept. 3 dense forest (R.R. cutting near Km 20) no. of Sta. Rosa

23936	Banisteria	WV	
23937	Lygodium	HV	
23938	Sapind.?	S	Fr. r.
23939	Rub.	S 1-1.5'	Cr. girls w
23940	Passiflora	HV	Sterile
23941	Nyssa.	S 10-12'	
23942	Anon.	T 30-40'	
23943	Philodendron	H ter	
23944	Ruellia	H T 15-20'	Br. purplish
23945	? Rub	Caul. subter. infl. at base Fr. 15-20' l, 3-4' wide	
23946	Palm "tagua" "yarina"	T 15-20'	
23947	? Rub	S 1-2'	Fr. bl
23948	Rub.	Ebt	Bracts pi
23949	Bromel.	S	Buds pi
23950	?	Ebt	
23951	Anthophyum	T 15-20'	Cor. rich pi
23952	Psychotria	Ebt	
23953	Philodendron	T 40-50'	
23954	Rubiac.?	T 40-50'	
23955	Eugenia	S	Pet. pi
23956	Hibiscus	W vine trop	
23957	Peperomia	Ebt	
23958	Carludovica	S	Br. r.; cor w
23959	Rub.? Psych?	T 20-25'	Pet. w; fr. black
23960	Miconia	T 25-30'	
23961	Anon.?	T 50-60'	
23962	?	T 10-15'	
23963	Piper	T 50-60'	Fr. in clusters
23964	Combret.? Melpo?	T 40-50'	Cor not obtainable
23965	Anon.	W.U.	
23966	sapind.	S 2-4'	; cor. y.
23967	Sauchezia	T. 50-60'	buds cr. w.
23968	mel.	W.U	buds greenish w.
23969	Paullenia	T. 30-40'	
23970	Guatteria		

Sept. 4 dense forest (R.R. cutting near Km 25) north of Santa Rosa

Sept. 4 dense forest (R.R. cutting near Km. 25) north of Santa Rosa

29371	~~Anacard.~~ ?	T.	40-50'	
29372	Rub.	T	20-25'	
29373	Mors	Or dec. log		
29374	Commel.	H	± 3'	Per. pi
29375	Acalypha	S	8-10'	
29376	?	T	~~40-50'~~	
29377	?	T		Bet. grish, purple-bird
29378	Polybotrya	E H		
29379	fil.	T	40-50'	cor. tube g., lobes w. fil. greenish w.; ant. brownish
29380	Piper	T.	10-12'	
29381	geniver.	W.U.		br. p.; cor. y.
29382	Piper	S	4-6'	
29383	Solanum	S.	8-10'	cor. w.; ant. y.
29384	Tectaria	H		
29385	Tectaria	H		
29386	grass	H	3-5'	
29387	~~Myrs.~~ ?	T.	40-50'	cor. yellow g.
29388	Peperomia	E H		
29389	Schena	H		
29390	cucurb.	H U.		cor. greish w.; fil. y.
29391	Pithecolobium	T.	40-50'	fil. w.
29392	Solanum	S.	erect, 8-10'	cor. w. or faint bl.; ant. y.
29393	Pilea	E H		
29394	Piper	S.	4-5'	
29395	Adiantum	H		
29396	fruqus	on log		
29397	acanth.	H		cor. rich p.
29398	Vernonia	S.	erect, 10-15'	cor. rich p.; pap. w.
29399	Mucuna	W.U.		
29400	Lloidea	H U.		pet. deep bl.
29001	Corcobis	T.	20-30'	cal. & fil. greish w.; ant. brown
29002	Eupatorium	H	± 2'	Crown spreading (perhaps cult.)
29003	Acantophyllum	T.	trav. subscan.	
29004	Stigmaphyllon	W.U.		
29005	fab.	W.U.		pet. w. faintly marked with p.

5

wooded banks of Rio Huallaga, below Yurimaguas

Ph. K.

29006	Coccoloba	T.		sep. yellg.	Sept. 5	wooded banks of Rio Huallaga, below Yurimaguas	Pl. K, C-52
29007	? laur.	T.	40-50'	fr. darkg.			
29008	Inga	T.	30-40'	pet. & sta. gnarly.			
29009	Ficus	T.	25-30'	fr. ridg. pur.			
29010	Casearia	T.		fr. black.			
29011	Serjania	W.V.		pet. w.; ant. y.			
29012	Passiflora	W.U.		fr. o.			
29013	Smilax	W.U.		per. g.; stig. gnarly. y.; ant. o.			
29014	Cavanillesia	T.	30-40'	ant. reddish br.; other fl. parts y.			
29015	myrt.	S.		fr. o. y.		dense forest	Yurimaguas
29016	rub.	S.	8-10'	cor. pale y.			
29017	Calatthea	H.	3-4'	br. o. r.; per. y.			
29018	Pithecolobium	T.	20-25'	mbl. toward base of trunk	pet. gnarly. w.; sta. w.		
29019	?	S.	erect, 5-6	fr. o.			
29020	anon.	T.	20-30'	fr. deep pur.			
29021	laur?	T.	20-25'	lvs. g. above, marked with w.; pur. beneath			
29022	carnac?	H.					
29023	Paullinia?	T.	20-30'	fr. dull o.		6	
29024	fungus	a lia. of 29023					
29025	Thunbergia	H.U.		cor. w.		7 Huchets woods	
29026	?	S.	10-12'	fr. brown; sud o.			
29027	sapind. polyan.?	W.U.		pet. gnarly; sta. w.			
29028	Justicia?	T.	slender, 10-12'				
29029	Casearia	S.	12-15'	pet. gnarly. w.; ant. y.			
29030	?	T.	20-25'	pet. gnarly y.			
29031	Banisteria	W.U.		pet. w.; stam. marked w. bl. in.			
29032	maregrav.?	W.U.					
29033	Urbania	H.U.		pap. w.			
29034	?	S.	8-10'	fr. deep pur.			
29035	?	W.U.		fr. g.			
29036	Paullinia	S.	12-15'	pet. gnarly; sta. w.			
29037	? (leg.?)	W.U.		fr. o.			
29038	rub.	S.	6-8'	cor. tube pale y.; lobes & ant. cr. w.			
29039	Jacquemontia	H.U.		cor. w.			
29040	?	S.	8-10'				

23041	Pryopteris	H U	pet. w.				
23042	fab.	S	slender, erect,	sty. gnels. w.			
23043	Alcalypha	S.	5-6'				
23044	anon.? ?	T.	25-30'	fr. brown			
23045	Piper	T.	15-18'				
23046	apoc.	S.	4-6'	cor. br. bl.			
23047	hil.	S.	3-5'	fr. o.			
23048	Ecastophyllum	S.	12-15'				
23049	Inga.	T.	20-30'	lil. w.; anth y.			
23050	sapindh	I. S.	erect, 4-5'				
23051	Cestrum	T.	20-25'	cor. gnels. w.; fr. deep pur.			
23052	marac.	T.	18-25'				
23053	apoc.	I. S.	7-10'	cor. cr. w.; tubes yels. at center in.			
23054	~~laurac.~~ ?	T.	20-30'				
23055	?	I.	15-20'	fr. y.			
23056	?	T.	15-20'	cor. cr. w.			
23057	Piper	I. S.	8-10'				
23058	?	S.	8-10'	fr. o. y.			
23059	Psychotria	S.	6-8'	fr. br. bl.			
23060	acaulis	H	2-5'	cor. pale bl. with deeper spots			
23061	Cube A "barbasco"	S.	erect 6-8'; top brau.	scau. abant 100 pl.			
23062	Passiflra coccinea	HV		S & S scarlet fil pi bl.; dark br.	above	cleaning, cult tructs	Pl. S. 22-32
23063	asclep.	H U.		cor. gnels. y.			
23064	?	S	10-12'				
23065	Vanilla	H U.		buds y.			
23066	Cube A "barbasco"	S.	6 ± 6'; then W.V. up to 50';	abant 10 pl.		deuse forest woods	
23067	Eleocharis	H		in marshy soil			
23068	Leg.	T	15-20'	Fr. black; seeds bright	Sept. 8		(Bet. Y. & Fortaleza)
23069	Leg.	WV		Pet. pinkish w			
23070	Ipomoea	HV		Cor. rich pi.			
23071	Cardiospermum	HV		Pet. w			
23072	Euph.? ?	T	25-30'	Pet. gr.			
23073	Bignon.	WV.		Cor. tube salmon-pi., lobes reddish pi.			
23074	Nicsamia?	WV		Pap. wh.			
23075	Elaeocarp.?	T	15-20'	Fr. black			

Sept. 7 woods Yurimaguas

deuse forest

23076	Solanum	H	3-4'	
23077	Philodendron	E H		
23078	Asplenium	E H		
23079	? Phyt.	H		Fl. w.
23080	Rub.	S	±6'	Pedicels, bracts, & cor. bright bl.
23081	? fagara.	S	10-12' erect stem	Ins at summit; fl. on stem below ins.
23082	Cyperus	H		
23083	Dalechampsia	HV		Br. light gr.
23084	Rub.	T	18-25'	Fr. bec. black
23085	Bamboo	H	along br. to 12'	
23086	Malpigh.	WV		Pet. y, r at narrowed base.
23087	Tournefortia	S	8-10'	Cor. tube gr., lobes w
23088	Jacquemontia	HV		Cor. wh.
23089	mil.	T.	25-30'	fr. r.
23090	?	T.	25-30'	fr. deep pur
23091	sapind.	T.	20-25'	fr. g.
23092	? Rut.	T.	20-25'	buds paleg.
23093	solan.	S.	10-12'	
23094	Palicourea	S.	5-6'	cor. pale bl.
23095	mel.	T.	~~30-4~~ 25-30'	cor., fil. & sty. cream w; ant. brownish.
23096	cupla. ?	T.	25-30'	pet. & sta. purpl. w.
23097	?	T.	slender, 15-20'	fr. o. y.
23098	Psychotria	S.	5-8'	cor. & sta. cr. w.; cor. lobes y. at base in.;
23099	fungus	on logs		fr. pale bl.
23100	Sclera.	H		
23101	myrist. ? ?	T.	20-25'	fr. pale & deep g. mottled
23102	Eugenia	T.	25-30'	buds g.
23103	sapind.	T.	~~20~~-25'	fr. o. r.
23104	?	T.	~~20~~-25'	fr. pale r.
23105	Piper	S	8-10'	
23106	Myr.	T.	~~30~~-40'	
23107	apoc.	T.	12-15'	cor. cr. w; lobes y. at base in.
23108	Commelina	H	stem reclining	
23109	? laur.	T	~~35~~-40'	Pet. & fils y; fr. globose, ~~1~~ ½-¾ 2" diam
23110	Cube A?	W. V.	bright climbing	

Sept. 8 woods (Bet. G. & Fortaleza)

9 Yumiaquas

29111	rub.	S.	12-15'	cor. tube g., lobes w.	Sept. 9	woods	Yurmiaguas
29112	burser.? ?	T.	20-25'				
29113	cucurb.	H. V.		fr. o. r.			
29114	mor.	T	20-25'	fr. grish. brown with w. pubescence			
29115	marty-n	H. V.		cor. pale r., lobes marked w. y. at base in.; ant. y.			
29116	Eutata	T.	30-35';	pet. grish. y.;			
29117	Isotoma longiflora	H.	trunk erect, coarse, 1-2'	sta. cr. w. cor. w.		waste places woods	
29118	Jacaranda	T	80-125'	cr. bl, tube w in, lobes			
29119	Apoc.	T	tr. straight, low o. infl. towards summit 15-20'	Cor. w			
29120	Banisteria	S.	subscan. 3-4'		Aug. 20-Sept. 8	dense forest.	Río Ucayali: Pongo de Manseriche
29121	maran.	H					
29122	acanth.	S.	8-10'	br. r.			
29123	Dianthera	H		cor. blish. w.			
29124	Ruprechtia "tangarana"	T.	20-30' aut-inhalited				
29125	Canna	H	3-5'				
29126	Commelina	H					
29127	malv.	W. U.					
29128	Bunst-	W. U.	light-cblubrig				
29129	? Acanth.	H					
29130	rub.	S.	5-6'				
29131	comp.	H		rays o. y.			
29132	Acalypha	T	small	sty. r.			
29133	Cuphea	H	I woody	pet. blish. p. pet. w.			
29134	oclin.	H.					
29135	acanth	H					
29136	melast.	S.	6-8'				
29137	Piper	S.	6-8'				
29138	Acalypha	S.	large				
29139	cucurb.	H. V.		cor. r.			
29140	Ipomoea	H	fr. 1½" high				
29141	Bellaquiella	H					
29142	oclin.	H		pet. w.			
29143	gamer.	S.	~~large~~ 6-8'	br. r.; cor. pale y.			
29144	Hamelia	S.	8-10'	cor. o. r.			
29145	Pilea	H					

leaves used in tea as eye-wash & for colds

[Coll. Tessmann 29120-29250]

Río Ucayali: Caleturra, bet. Pongo de M. & mouth of R. Morona

29146	Phenax		S. slender		
29147	Ficus		H 2-4'		pet. rich p.
29148	Coleus		H 2-3'		lvs. pur. beneath cor. bl. & w.
29149	Boccona		H 2-4'	[perhaps a commercial drug]	pet. bl.
29150	fal.		H. V.		
29151	~~sapind.~~ ?		V I woody		
29152	grass.		H 2-4'		lvs. steel bl. at tips beneath
29153	Piper		S. 8-10'		
29154	Aristolochia		H. V.		
29155	malv.		~~S.~~ 4'		pet. y.
29156	Bilaí		H 4'		
29157	melast	"rifari"	lvs. used as a dye S. 5-6'		
29158	melast		T. 12-15'		
29159	Curcuma		H		spathe g: spadix deep p.
29160	Rhexia		H lax		pet. p.; anth. y.
29161	Cycas		root used as a cure for leprosy H. I 3' h.		lvs. in a crown.
29162	cucurb.		H V.		
29163	legum.		V. V.		
29164	Solanum		H 6-8'		
29165	Piper		S.		~~cor~~ pet. w.
29166	crass.		E H.		
29167	malv.	"flora del sol"	H 3-4'		
29168	Melastomaceae	"brinco de dama"	V. V.		flowers w.
29169	Urera		H 2-3'		
29170	cucurb.		H V.		
29171	Curcuma		E H.		
29172	Curcuma		H H.		
29173	Jasminum	cult.	S. 3-4'		
29174	Casalpinia		T. 12-15'		pet. o.y.
29175	apoc.		T.		cor. cr. w.
29176	Columnea				bractr.
29177	Strutthanthus		S. lianas.		
29178	Chamaedrin	"jaico"	used instead for standard double		
29179	comp.	"roza amarilla" tea used for eyes	H 2-3'		rays br. y.
29180	Sambucus	"sauco"	T. small		

aug. 20-Sept. 8	dense forest	R. Marañon: Caleutura: bet. Pongo de Ur. & R. Morona.	
"		" : Limon, near mouth of Río Morona	
		Río Morona.	
		R. Marañon: San Juan, bet. Pongo de Ur. & mouth of Río Morona.	
		Río Marañon: Barranca bet. mouth of R. Morona & R. Pastaya	
"	"	" : Aripari, nea. mouth of R. Pastaya	

29181	Epidendrum		E H		per. br. o.
29182	crass.		H ep.		
29183	Elaeodendron	"limon de dama"	W. V.		cor. w.
29184	orchid		E H		
29185	Tillandsia		E H	3-4' diffs.	
29186	Passiflora	coccinea	H V		pet. & dff. r.
29187	marant.	"guisador"	root used to color meat	H	
29188	?	"cacadunillo"	T.	8-10'	
29189	palm	"bombonaje"	used to make hats		cand. to 2'
29190	malv.		H	2-3'	
29191	Clavija		T	8-10', bro. diffs. near summit	
29192	Piper		S.	6-8'	
29193	melast.		S.	5-8'	
29194	? Espl. 7		S.	6-8'	
29195	apoc.		S.	5-6'	
29196	Pilea		H		
29197	Marcgravia		W. V.		
29198	Solanum		S.	5-6'	cor. w.; anth. y.
29199	myrt.		T.	12-15'	
29200	Manettia		H V.		cor. br. r.
29201	Peperomia		H		
29202	Serjania		W. V.		
29203	?		T.	small	fr. o. y.
29204	Echites		H V.		cor. greenish y.
29205	Pothomorphe peltata		H	3-5'	
29206	Anthurium		H	ter.	
29207	Leuntardtia		H	fr. about 5' l.	
29208	rub.		S.	3-4'	cor. per.
29209	Convolvulus		H V.		cor. ~~br~~ w.
29210	Tibouchina	"tafetan"	S.	3-6'	
29211	crass.		H	ep.	
29212	Arad.		E H		fr. deep r.
29213	Clidemia	"mullaca"	S.	3-4'	fr. deep r., used to make ink
29214	Passiflora	coccinea	H V.		~~ep.~~ & pet. r.
29215	melast.	"despero"	S.	10-12'	

Aug. 20–Sept. 8. dense forest Río Maranon: San Isidro, near mouth of Río Pastaya

Río Maranon: San Lorenzo, bet. junctions of R. Pastaza & R. Huallaga

29216	Tibouchina		S. 4-6'	pet w.	
29217	Clidemia		S. 3-4'		
29218	Hibiscus schizopetalus		T. 8-10'	pet p.	
29219	Pteridophyteris		H 3-4'		
29220	Bryophyllum		E H.		
29221	Meibomia		H U.	pet. pub. bl.	
29222	Guatteria		T. 12-15'		
29223	Cyperus		H		
29224	Meibomia		H U.		
29225	?		S. 6'		
29226	apoc	"paracuchú"	T. 10-12'	cor. w.	
29227	Crinum		H	per. w.	
29228	bromel.	"Bolsa de la abuela"	E H	lvs. waxy g. above; per. bivalves	
29229	arac.		H	appressed to tr. tr.	
29230	Urera		S. 6'; leaf at apex		
29231	Rhexadendron		S. paras		
29232	Meibomia		H U.	flowers quite w.; per. w.	
29233	melast.	"muhaca"	S 5-6'	pubesc. pericarp.	
29234	Xiphidium		H		
29235	rub.		H		
29236	Mimosa		H 2-3'		
29237	Abutilon		S. 3-4'	~~pet~~ pet. bl.	
29238	?		U. U.	b. g.	
29239	Abutilon		S. 4-5'		
29240	Rhexadendron		E H.		
29241	Vernonia		T. 10-15'	pap. w.	
29242	rub.		T. 8-12'	cor. pericarp.	
29243	?	"muaco"	T. paras.		
29244	Psolatum nudum		E E		
29245	Rhexadendron		E paras.	see notes	
29246	Pourouma		S. 40-50'		
29247	Cauna	"achira"	T.		
29248	Hymenocallis	"chiro-barba"	H	per. y.	
29249	?		H	per. w.	
29250	Ruellia		U. I woody	cor. blish. w.	

aug. 20-sept. 8	dense forest	Río Marañon :	San Lorenzo, bet. mouths of R. Pastaza & R. Huallaga
		~~Río Marañon~~	"
		"	San Eduardo, bet. Pongo de 14 & mouth of R. Morona.
		"	Barranca.
		Río Morona, near mouth.	
		Río Marañon :	Pongo.
		" :	~~Pongo~~ San Lorenzo
		" :	Barranca
		" :	San Lorenzo
forever		Río Huallaga :	Yanon
		Río Marañon :	Pca, near mouth of Río Tigre
		" :	Aripari
		Río Huallaga :	Yanon

29251	rub.	S. 8-10'	cor. y.; fr. def.	Sept. 11. dense forest Lower Río Huallaga: Portal.
29252	acanth?	H. U.		
29253	Solanum	H. ±1' woody	cor. lavender; ant. y.	
29254	rub.	T. 12-15'	cor. w.	
29255	melast.	T. 10-15'	fr. def. pur.	
29256	Piper	T. much-brau.		
29257	laur.	S. 8-10'		
29258	Piper	T. 25-30'		
29259	?	T. 10-15'; spikes erect		
29260	Piper	T. 30-35'		
29261	cupl?	S. 5-7'		
29262	apoc.	T. 20-25'		
29263	polygon.	T. 15-25'	cor. w., lobes pale y. at center ii; fr. g. ort,	lined with o.r.
29264	laur.	S. brau. elong.	sup. rich p.	
29265	~~Coccoloba~~ Euph	T. 15-20'	pet. cr. w.; fr. dull g.	
29266	? Anac	T. 25-30'		
29267	solan?	T. 50-60'		
29268	Citrus	T. 50-60'		
29269	Smilax	S. brau. much elong.	cor. pale y.	
29270	Smilax	T. 25-30'	fr. very juicy	
29271	Hirtella	H. U.	fr. o.	
29272	? Prot.	H. U.	fr. g.	
29273	Polypodium	T. 25-30'	pet. w.; bit. w.	
29274	Citrus	T. 35-40'	juice insipid	fr. def. pur.
29275	brau.	E. H.		
		T. 15-20'	pet. w.	
		E. H.	primary br. br. c. secondary br. g., tipped w.o.	
29276	Acacia "huarango"	T. 12-15'		Lower Río Huallaga: Sisquiro
29277	Rhizadenia	S. pan On # 29276		
29278	Pithia	H. floating in water or on muddy shore		cleaning
29279	Cube A "barbasco"	T. 6-8'-10'	Root only sc. for material	dense forest Lower Río Huallaga: Pampa-hermosa
29280	Cube A "	T. 6-8'		Sept. 12 cleaning Lower Río Marañon: Parinari
29281	~~Solanum~~ Smilax "cocona"	HV elliptic-ovate		
29282	Utricularia	N ~~54'~~ fr. def. ~~is~~	~~soil to S.P.F.~~	Ph. 25-10,11
29283	Eugenia	N blooming in water	Cor. y common	13 Amazon River, above Iquitos
29284	?	T 15-25'	Pet. w., fil. gr.	Aug. 20-Sept 8. Río Marañon: Aripari Semi cult.
29285	Coccoloba Euph	T 30-40'		" " : Estrella " "
		T 30-35'		Sept. 15 ~~woodland~~ woodlot Iquitos
				17 Río Itaya, above Iquitos
				woodlot banks of

29286	Rub.	S 5-6'	Br. purplish
29287	Rub.	S 5-10'	Cor. cream-wh.
29288	Laur.	T 35-40'	
29289	Myrsin.?	T 25-30'	Fr. purplish black
29290	Polypodium	H on branches	
29291	Orchid	Ep	
29292	Orchid	Ep	
29293	Piper	S 7-9'	
29294	Psychotria	S 8-10' spreading	Cor. grish w
29295	Laur.	T 20-25'	Pet. w
29296	Bihai	H 8-10'	Br. r., purpl striped
29297	Anthurium pedatum	H ter	Spatha green, gr. Spad. deep pk
29298	?	T 15-20'	Pet. grish w
29299	Cyclanthus "caulipara"	Pl. 6-8'	
29300	Sapot.	T 20-25'	
29301	Adiantum	H	
29302	Piper "cinerea"	T 10-12'	
29303	Rub.	S 8-12'	Fr. deep gr.
29304	Anon. ?	T 20-30'	
29305	Guatteria ~~cuspidata~~ ?	T 25-30'	Barren
29306	Danaea?	H	
29307	?	T 20-25' with long-drooping pedicles	
29308	Piper	H	
29309	Commelina?	H low	Per. grish w
29310	Rub.	T 10-12'	Branches inflated Fr. deep purple
29311	Tectaria	H	
29312	Piper	S 6-8'	
29313	Struthopteris	H Growing to th	
29314	Xylopia ~~Guatteria~~ "cuspidata ?	T 20-30'	Barren
29315	Costus	Pet. to 10'l Infl. near base	Per. w. fr. bl
29316	Diplazium	H	
29317	Trichomanes	H	
29318	~~Anon.~~ ?	T 20-25'	Buds grish w
29319	Hel.	On branches	
29320	~~Anon~~ ?	T 15-20'	Br. deep r. y. fr. purple

Sept. 17 Wooded banks of Rio Itaya, above Iquitos

18 dense forest, San Antonio, Rio Itaya

23321	Palicourea	S 5-7'	Cr. grish w
23322	Myrsine.	T 15-20'	Fr. r
23323	Hep.	On leaf	
23324	Myrt.	T 20-30'	
23325	Peperomia	Ep	
23326	Anon.?	T 25-30'	
23327	Psychotria	S ~~shrub~~ 5-7'	Fr. pnk
23328	Miconia	~~S 10-12'~~ S 15-20'	
23329	Anon. ?	T 20-25'	Fls. w
23330	Rub.	T 15-20'	Fr. ± 1.5 cm. diam.
23331	Rub.	S 5-7'	Br. light gr.; cor. w;
23332	Miconia	S 10-12'	
23333	Palm "yarina", "tagua"	Pet. 4-5' l. lvs to 15'	Fr. light pnk two used to thatch roofs; fr. pulpy oil edible
23334	Anon. ?	T 15-20'	
23335	Bauhinia	W V	Barren
23336	Rub.	S 6-12'	
23337	?	W V	
23338	Palm	Pl 2-3'	
23339	Adiantum	H	
23340	Anon.	T 15-20'	
23341	Rub.	S 4-5'	
23342	?	T 15-20'	Pet. grish w
23343	Anon.?	T 20-25'	Spikes grish w
23344	Moss	On dec. log	
23345	Clavija	S erect 3-4'	Cor. or. r Fr. or. r.
23346	Rub.	S 6-8'	Cor. grish w
23347	Calathea	H stem reb. bel. above, dusty bm below	Fr. brownish r
23348	Asplenium	Ep	
23349	Scutellaria	H	cor tube w. lobes pale pi
23350	Piper	S ± 4'	
23351	Arac.	H ca	stem mottled dark & light gr.
23352	Rubiai	H 2-3'	Br. r brwn, glabrt Per. grish w
23353	Moss	On dec. log	
23354	Rub.	S 5-7'	Fr. dusky pnk Br. light blu.
23355	Rub.	S 6-9'	Fr. black

Sept. 18 dense forest, San Antonio, R. Taya

20356	Polypodium	H rept. on branches		Sept. 18 dense forest, San Antonio, R. 2 Taya
20357	~~Eupa.~~ Salpin	WV	Fr. y-g (on shrub not obtained)	
20358	~~Anon.~~ ?	T 25-30'	Buds pink w	
20359	Commel.	H V		
20360	Acanth	H	cor tube w, lobes pubesh-bl	
20361	Arac.	H ter	Fr. or-r	
20362	Rub.	S erect 3-4'		
20363	Technosiphon	H 3-4'	Per. w	
20364	Peperomia	H ter		
20365	Hep.	On tr tr		
20366	Hep.	On leaf		
20367	Perm	E H		
20368	Begonia.	H V. scan. on tr. tr.	pet. w.; fr. lgt g.	
20369	Begonia	H V scan on tr tr	pet. w fr. lgt g	
20370	~~Myristic~~ ?	T 20-25'	Pet. w	
20371	~~Rut~~. ?	~~S~~ w.v.	Cr. grn w	
20372	Polypodium	E H		
20373	Cyclanthus	H 3-4'		
20374	Polypodium	E H		
20375	Passiflora	H V.		
20376	Urera	H ± 3'		
20377	Hemitelia	caudex I 2'; stipe 2-3' I F fr. 4-5' ter.		
20378	Polypodium	H		
20379	Alsophila	caud. 3-4'; A.F. 4-5'; fr. 6-8'		
20380	Piper	T 10-12'		
20381	melast	S. 8-10'		
20382	Inga	T 25-30'	bil. pale p.	
20383	mimos.	W. V.		
20384	Cissampelos	H V.		wooded banks Ric 2 taya
20385	Sclera	H 3-4'	achene w.	
20386	Eugenia	T 12-20'		
20387	rub.	S. 4-6'	br. pur.; fr. dep pur.	
20388	apoc.	T 12-15'	cor. w.	
20389	Solanum	W. V.		
20390	Ruprechtia	T 20-25'		

23391	Sclenia	H		cor. deep pur.	Sept. 18	wooded banks	Rio Itaya
23392	apac.	H	U.			
		H	W.U.	sligh-climbing; undsmooth w infl. near base		
23393		E. H.				
23394	Epiphyllum	S.	6-8'	cor. light r.		
23395	tub.	I.	25-30'	(1 bran. of infl.) cal. gnarl. w., trig. w.p.		
23396	myrsp?	S.	5-7'			
23397	Psychotria	F. H.		spathe g.; spadix deep p.		
23398	Anthurium	H		cor. pale bl.		
23399	scrapb.	W.U.		pet. pale bl.		
2340[illegible]	Tovaria carpus	W.U.		cor. light p		
23401	big	H		cor. w.		
23402	Borreria	H	sub-	infl. gnarl, w.		
23403	Alternanthera	H	pros.	fls. gnarl. w.		
23404	Coccoloba's	S.		pet. br. y.		
23405	malpighi	W.U.				
23406	Inga	T.	35'	spathe g.; fil. w.		
23407	Cassia	T.	25-30'	bran. elong.	corona purple, r.	
23408	Passiflora coccinea	U.				
23409	Acaciella	B.	12-15'	fil. w.; ant. brown		
		B.	bran. elong.			
23410	myrt?	T.	10-12'			
23411	nil.	S.	8-12'	cor. gnarl., p. trig.		
23412	nil?	S.	slender,	pr. deep r.		
23413	nil?	T.	10-15'	cor. gnarl. w.		
23414	Piper	S.	8-12'			
23415	Piper	S.	8-10'			
23416	?	T.	10-12'			
23417	myrsp?	T.	15-25'	pet. p.; trig. w.		
23418	Anthurium	T.		salmon p.		
23419	nil.	T.	10-12'	pet. w.		
23420	Solanum	H	tree	spathe & spadix g.		
23421	?	T.	10-12'	cor. gnarl. w.		
23422	[illegible]	H	2-3'	br. r. cor. gnarl; ant. y.		
23423	? Clavija	H	1.5'	cor. & fil. w.; ant. brown		
23424	? Carica	I	woody	pr. g.		
23425	nil.	H.	2-3'	cor. br. y.		
		T	18-25'			
		H	2-3'	cor. g., lobes y.		
		S.	2-3'	pr. br. r.		

dense forest Rio Itaya : San Antonio

29426	acanth	S. 12-15'	br.g.; cor. b.r.
29427	acanth		cor. tube w., lobes bl.
29428	Piper	H	
29429	?	H 2-3'	
29430	Carludovica	T. 30-35'; infl. directly from trunk.	buds grnsh. y. sty. salmon p.
29431	Adiantum	E H	
29432	Acant.?	H	
29433	Cyclanthus	H	br. g.
29434	?	H	
		T 40-50'; infl.	pet. w.; ant. backed w. deep r.
29435	gesn.	T direct. from trunk	br. deep pur.;
29436	~~Jacaranda~~? Acalypha	S 10-12'	cor. br. r.
29437	Cryptenis	T. 15-20'	sty. w. to pale y.
29438	Acalypha	H	
29439	palm.	T. 12-15'	
2944	Pyctetria	caudex ± 1/4 in. diam, 3-4' high.	fr. r.
29441	mel.	S. 6-8'	
29442	Piper	S 12-15'	cor. pale bl.
29443	grass	S. 10-12'	
29444	sakund	H	
29445	? Laur.	T. 30-40'	pet. & bl. w.;
29446	?	T. 12-18'	ant. pale y. buds pale y.
29447	?	T. 8-12'	fr. cr. w.
29448	Commelina	S. 10-12'	buds w.
29449	Clidemia	H 2-3'	fr. deep pur.
2945	Piper	H 2-3'	br. br. bl.;
29451	mel.	S. 8-10'	
29452	fungus	S. 8-10" diam. S. elong.	fr. deep pur.
29453	melast	on margin of lvs	fr. deep pur.
29454	solanac.	S. 3-4'	
29455	Piper	S. erect, 4-7'	cr. w.
29456	Guatteria	S. 3-4'	
29457	?	T. 25-35'	cal. pale r.; fr. g. becoming brown
29458	Ficus	T. 15-25'	fr. deep & pale g. mottled.
29459	euphorb.	T. 20-30'	" " "
2946	Piper	T. 15-20'	pet. cr. w. to pale y.
		S. 10-12'	

Sept. 18. dense forest Rio Itaya: San Antonio

29461	Piper	H	2-3'	Sept 18. dense forest. Rio Ntaya: San Antonio
29462	rub.	S	6-10'	fr. deep.
29463	?	S	7-10'	pet. w.; aut. y.
29464	sterc.	S	4-5'	fr. g.
29465	Urera	H	5-8', woody	fls. w.
29466	Solanum	S	4-6'	pet. w.; aut. y.
29467	?	T	12-18'	cal. y.
* 29468	rub.	S	1-3'	br. o.
29469	Psidium	T	30-35'	pet. w.
29470	sapind.?	T	spreading, 25-30'	pet. pale y.
29471	sapind.	S	tran. elong. to 8'	
29472	~~rutac.~~ Rubi (	T	18-25'	ripe fr. pale y.
29473	? Mendoncia?	T	15-20'	fr. deep pur.
29474	melast.	T	tran. subscan. 12-18'	fr. deep pur.
29475	~~laur.~~ Virarea	T	12-18'	
29476	?	H		cor. tube w.; lobes y marked w. pur. at tips; aut. w.
29477	aroid	E		
29478	melast.	H		
29479	Solanum	S	2-3', rounded	fr. deep pur.
29480	Cappais	T	10-15'	fr. br. y.
29481	rub.	H	2-4'	pet. salmon p.
29482	?	T	10-12', slender	cor. tube g., lobes w.
29483	hep.	S	slender 3-5'	pet. pale y.
29484	lichen	on tr. tr.		
29485	cucurb.	"	"	"
29486	? "ayahuasca"	H		cor. br. o., y. at base of lobes in bud, lobes slightly w. in alkaline)
29487	palm.	W		cauls. to 6"; lvs. 3-5'; fr. at base (fl. 14 mo.) fr. used for oils, soap, etc.
29488	Rhododendron	F		
29489	genus.	S		
29490	genus.	H	2-4'	cal. & cor. br. o.
29491	genus.	S	6-8'; tran.	br. r. to y.
29492	Solanum	S	much. elong.	br. r.; cor. y.
29493	Solanum	S	8-10'	" "
29494	genus.	S	± erect, 3-4'	cor. quite w.; aut. y
29495	rub.	H	3-4'	cor. quite w.; aut. y
		H	3-4'	cal. & cor. o.; fr. o.
		T	8-12'	cor. tube g., lobes w.

cult., garden of Fr. Froning Pl. S. 24-25, 26, 27.
" " " (intro. from Africa) Pl. S. 24-20, 21, 22, 23, 24.
dense forest

29496	melast	T. slender.		
29497	? mimosp.	H. 10-12'	fls. at bar	fls. grnish w.
29498	Peperomia	H.	fls. light clustering	spikes yellow.
29499	Nertera	H.	repent	
29500	commel?	H.		
29501	Veronica	H.		cor. w. prox. bl. dist
29502	melast	H.		det w.
29503	Passiflora	H.		
29504	melast	S. ~~3-4'~~		fr. deep pur.
29505	melast	S. 8-12'		det w.; fr. pur.
29506	gesner.	S. 3-4'		
29507	Bauhinia	W.	lt. clustering	br. p.
29508	?	W.		
29509	melast	T. 10-15'		fr. pur.
29510	Hymenophyllum	H. 2-4'; I woody		fr. r.
29511	palm.	F. H.		
29512	?	cand. 4-5';		fr. o.
29513	lyc.	T. 10-15'		buds or. w.
29514	moss	on tungo		
29515	Pilea	" "		
29516	Melast.	H.		
29517	~~Impat~~. ?	S 3-5'		Fr. pi.
29518	Gesner	T 12-15'		Buds grnish w
29519	Stenorhynchus	S 3-4'	elong. h.	Br. ~~pi~~, cor. y-g
29520	Diplazium	H ~~Fr~~ arc. or long		Per. purple
29521	Tectaria	H.		
29522	Trichomanes	H.		
29523	Columnea	Orth.		
29524	Rub.	HV		outer br. r., cinn
29525	Strutheopteris	S 1-1.5'		yj cor. y.
29526	Palm	H erect		fr. w.
29527	Rub.	Cand ± 6'		
29528	Melast.	H 2-4'		
29529	? "barbasco del Monte	T 15-20'		Pet. pi., anth. gr.
29530	~~Gentiana~~ ?	S 3-4'		
		T 30-40'		

Sept 18 dense forest Río Itaya, San Antonio

~~thicket~~
~~woods~~ d.S.

29531	Miconia	T 8-12'	Br. dark pump. fl. bright pk.
29532	Rub.	S 8-12'	Cor. w, tube & throat at base
29533	Euph. ?	S low	
29534	Euph. ?	T 25-30'	Br. dark gr. Cr tube eight pi. lobes deep pi
29535	Bignon.	WV	Cr tube greenish pink pi. dist, lobes black
29536	Apoc	WV	
29537	Piptadenia	T 25-30'	
29538	Rub.	S 10-12'	Branches infl. 1 cor. r., lobes deeper
29539	?	WV	Pet. w out, gr. in
29540	Nyssa	T 15-20'	Buds pi
29541	Acalypha	S 10-12'	Styles pi
29542	? Trigonia	S along br.	Fls. grish w
29543	Nyssa	Ondec. branches	
29544	Leg.	T 30-35'	Pet. yish-pi
29545	?	WV	
29546	Apoc.	HV	Cor. lighty
29547	Serjania	WV	Pet. grish w
29548	Bignon.	WV	Cr. magenta pi
29549	Sanchezia	S 6-12'	Br. r., cor. tr. light y
29550	Pteris	H	
29551	Piper	S 6-8'	diver. br. at summit
29552	Rub.	S 8-10' 12' dépl. infl.	Br. w
29553	Begonia	H ter	Pet. w
29554	Melast.	S 4-5'	Pet. grish w
29555	Dryopteris	H	
29556	Cucurb.	HV	Barren
29557	Cassia ?	S 7-10' subsec. br.	Barren
x 29558	Anthurium "pedatum"	H ter	Spath gr, spad. pa
29559	~~Dryopteris~~	H	
29560	Miconia	T 20-30'	
x 29561	Solanum	H + woody erect 5-7'	pedicels bluish pi; lobes light gr., anth y dist, w pwr
29562	Piper	S 4-5'	
29563	Piper	S 8-10'	
29564	Solanum	S erect 5-6'	Cor. w, gr-tinged; anth. y
29565	?	S 10-12'	Sep gr, anth w

Sept. 18 dense forest Río Ytaya, San Antonio

wooded banks, Río Ytaya

19 " " "

20 dense forest, Río Ytaya. Soledad

f.-or.-r

×	29566	?	S low ± 1'	All infl. purple dotted pet. light fi ; fr. deep pk
	29567	Melast.	S 2-2.5'	Infl. deep pi, fr. light & bl
	29568	Dolosa	H± low woody	Pet. w, fruit ranch light gr
	29569	Rub.	S 2-3'	Fr. - bright bl
	29570	Arac.	H ter	Sheath deep pk, pale at base
	29571	Gras	N	
	29572	Piper	H 2nd reh. on base of tr	Infl. grish w
	29573	Adiantum	H	
	29574	Rub	S 4-6'	Cr. ~~light~~ gr
	29575	Rub.	S 2-4'	Fr. w
	29576	?	T 12-15'	Fr. r
	29577	Rub.	S 6-8'	Fr. black
	29578	~~Myrist.~~ ?	T	Berb grish w
	29579	Urera	H ± woody bel. erect 2-3'	
	29580	Leiphamos	H rep w.	Cor ~~Pk~~ y
	29581	Moss	On ~~dec~~. tr tr	
	29582	Hep.	" " "	
	29583	Melast.	S 4-6'	Pet pi ail w, anth y
	29584	Solanac.	S 5-7'	Fr. deep pk Cor light gr, anth gr g
	29585	Heisteria	T 20-25'	Fr " "
	29586	Pimpes	On dec. log	Pl pi ail w
	29587	Piper	S 7-9'	
	29588	Clavija	S erect 5-6'	
	29589	~~Euph.~~ ?	T	
	29590	Alpinia	H pet 4' Haulm 2'	Br. r, fr. light y
	29591	Costus	H ramose 8-10'	Ber. o - r
	29592	Peperomia	H reh on logs	
	29593	Asplenium	Ep	
×	29594	Caparis	S erect 3-4'	Pet. o fils pi; anth gr
	29595	Palm	Caud. ± 6'	
×	29596	Aroid	H ter	Sheath gr, stalk & fr. or r
	29597	Diplazium	H	
	29598	Piper	S 3-4'	
	29599	Pavonia	S ± 2'	Branches infl. deep pink.
	29600	Spigelia	H	Cor pi

Sept. 20 dense forest, Rio Itaya, Soledad

29601	Gesner.	S. 20-25' Br. red	Sept. 20 dense forest Rio Haya: Soledad
29602	Cordia	T.	
29603	melast	H I 1-1.5' woody fr. black.	
29604	Xanthosoma	E H	
29605	acaulis	H lvs variegated light & dark. g. above. cor. w.	
29606	Piper rugosiveana	H 2-3'	
29607	Piper	S. ~~3-4'~~ 3-6'	
29608	myriat ?	T 15-20'	
29609	?	S or low T. fr. o.	
29610	?	S. bran. elong.	
29611	Begonia	W. H. scan. on trees fr. y. pet. w.; ant y.	
29612	Hemitelia	T. F. caudex 5'; st. ~~1'~~ ~~1'~~; fr. ± 5'.	
29613	~~rub.~~ ?	S 10-12' cor. w.	
29614	?	S. 2-3' fr. deep pur.	
29615	?	S.	
		T 25-30'	
29616	melast	V ± woody, stem approxed to tr. h.	
29617	Piper	S. 10-12'	
29618	Peperomia	H ter	
29619	rub.	H repent cor. w.	
29620	Pteris	H	
29621	palm	caud. 4'; fr. (incl ~~1'~~) ± 4'; fr. dark g.	
29622	hep.	On twigs.	
29623	melast.	S. 10-12' fr. black	
29624	rub.	S 4-5' fr. o.r.	
29625	rub.	S.	
29626	hep.	H on lvs.	
29627	Tectaria	H	
29628	cucurb.	H V. 6-8'	
29629	rub.	S.	
29630	? ~~rub~~	T 20-25' cor. w.	
29631	cucurb.	H V.	
29632	gesner.	S. lr. lr. o. y.;	
29633	Calathea	H cor. pale y. fer. w.	
29634	cucurb.	V running along ground & up trees for 100 meters; cal. o.r.	
29635	rub.	S. 10-12' trab. of wh. deep r.	

29636	rub.	S	2-3'	fr. dark g.
29637	gesner.	H	2-3' erect.	cad. & cor. o.
29638	Sellaginella	H.		
29639	Loxtenia	H		
29640	Anthurium	H	ter.	spathe g.; spadix w.
29641	Clidemia	H	1-2'	fr. ~~pur.~~ br. bl.
29642	mushroom	on humus		
29643	rub.	S.	2-3'	cor. w.
29644	Acanth.	H	± woody	
29645	Acanth.	H	2-3' ± woody	Cor. w, gr.-tinged fr. w.
29646	rub.	S.	8-10'	
29647	orchid? Gesner?	E H		per. pale g. with deeper spots
29648	rub.	S.	8-12'	br. dark pur.; cor. pale bl.
29649	rub.	T.	8-15'	br. g.; cor. y.
29650	orchid	E H		
29651	?	S	10-12'	
29652	Trichomanes	H	stem affix. to tr. to.	
29653	Lorauths?	E S.		cor. br. r.
29654	lyc.	as bus of 29653		
29655	aroid	E H		fr. o.
29656	rub.	T.	10-18'	cor. & sta. w.
29657	rub.	S.	10-12'	cor. w.
29658	~~acanth~~ rub.	S	8-12'	tran. of infl., cal., & cor. br. o. r.
29659	palm.	slender	4 in. diam.	; fr. o.
29660	?	T.	10-15'	buds w.
29661	~~rub.~~ Myrsine	T.	12-15' slender	tran. of infl. p.
29662	melast	S.	7-10'	pet. w.; ant. y.; fr. pur.
29663	Inga	T.	20-30'	br. w.
29664	melast	T.	12-18'	pet. w.; ant. y.; fr. deep pur.
29665	melast	H	2-3'	cal. red. p.
29666	?	S	lax; tran. clasp.	cor. w.; fr. deep r.
29667	melast	H		pet. w., p. ting
29668	Cube A "barbasco"	S	8-12', tof tran. scans.	about 1000 trees
29669	Leonpinia	H	2-3'	pet. br. y.
29670	melast	S.	8-12'	fr. deep bl.

Sept 20 dense forest Río Itaya : Soledad

19 Río Itaya : Peña Blanca

woods
d. S.

d. S.
clearing, cult

woods

29671	~~Laur~~ ? ?	T.	25-30'	
29672	?	T.	20-25'	fr. deep pur.
29673	Cyclanthus	H		
29674	Poly botrya	E H		
29675	sub. logan.	S.	6-8'	trav. of mft. & cr. o.y.
29676	moss	on decayed log		
29677	Cracca "traia barbaca"	S.	4-6'	pet y.
29678	? Rub	T.	12-15'	fr. pale y.
29679	? Rub	S.	10-15'	fr. w.
29680	aroid	E H		
29681	?	T.	20-30'	mft. directly from tr.
29682	Solanum	S.	8-10'	cr. spath. w.; anth y.; fr. b.o.
29683	acanth	H	3-5'	cor. b.r.; fil. y.
29684	kryptenis	H		
29685	Cyathea	T. F.	caudex 2-3'. st. 2-3'; fr. 3-5'	
29686	sapind	W. V.		fr. y. at center, unigo r.
29687	aroid	E H		spathe pur. green, g. dot.; spadix w.
29688	melast	T.	20-25'	
29689	?	T.	18-25'	
29690	apoc.	T.	18-25'	cor. w.
29691	?	T.	15-20'	
29692	?	T.	15-20'	pet w.
29693	Passiflora	H V.	semi-erect. sterile	
29694	palm	caud. 4-5', 1/2" diam.		cor. & fil. pale y.; fr. black.
29695	rub.	T.	10-15'	
29696	?	T.	slender	cal. y.; fr. pale y.
29697	?	T.	10-15'	pet deep o.
29698	rub.	S.	3-5'	fr. w.
29699	rub.	S.	2-4'	fr. bl.
29700	sterc.	T.	12-18'	fr. y.- spines g.
29701	rub.	H	2-3' erect	fr. w.
29702	Poly botrya	E H		
29703	aroid	H	ter	fr o
29704	Trichomanes	H	ter	
29705	~~sub.~~ Rub ?	T.	12-15'	

Sept. 19 dense forest Río Ituya: Peña Blanca

clearing, cult.
20 dense forest Río Ituya: Soledad

29706	melast	S	8-12'	fr. black
29707	Piper	H	3-4'	
29708	?	T.	12-15'	fr. y.
29709	?	T.	10-12'	
29710	Asplenium	E. H.		
29711	Piper	S.	6-8'	
29712	Solanum	S.	erect, 5-7'	
29713	Diplazium	H.		
29714	?	S.	10-12'	pet w.
29715	melast	S.	1-2'	begin of infl. & cal. o.p.
29716	mb.	T.	18-25'	cor. w.
29717	Begonia	H.	on decayed log.	pet w.; aut y.
29718	mushroom	on	humus	
29719	?	T.	20-25'	
29720	mb.	S.	12-15'	fr. deep.
29721	Lycopteris	H.		
29722	?	H.	15-20'	pet w.
29723	?	T.	20-30'	
29724	?	S.	4-6'	fr. deep pur.; pet w. spotted w. brown
29725	Peperomia	E. H.		
29726	~~melast~~ ?	S.	4-6'	
29727	?	T.	30-40'	fr. brown
29728	fungus	on	decayed log	
29729	melast	H.	2-3'	begin of infl. f.; fr. bl.
29730	?	T.	15-20' spreading	cor. w.
29731	? Piper ?	H.	2-4'	
29732	marant ?	H.	10-15'	fr. y.
29733	~	T.	slender. 20-25'	fr. br. o.
29734	Passiflora	H.	O	
29735	Passiflora	H.	O' stem	
29736	fungus	on	log	
29737	Polygodium	E. H.		
29738	Nicona	S	10-15' erect	fr. pi.
29739	Trichomanes	H	on log	
29740	Rub	S	5-7'	fr. deep bl

Sept. 22 dense forest Río Itaya : Soledad.

21 thicket in dense forest

29741	Apoc. Rubber	S 5-7'	Cor. tube gr., lobes w	Sept. 21 dense forest Rio Yaya: Soledad
29742	?	T (branch fasciation from base of T)	Buds pink w	
29743	Orchid	Ept	Stem pink w, pi.-striped lf pink-y, col. pink w	
29744	Anthurium	H ref on ground	Barren	
29745	Rub.	S 2-3'	Fr. light bl	
29746	Inga?	S slender 8-12'	~~Ant. p~~	
29747	Maran.?	H succ. stem pub.	Outer per sep pinkish gr., inner bright bl	
29748	Inga	T 45-50'	Pet. light gr., fils w	
29749	Mor.	T 20-25'		
29750	~~Rub~~ Guarea?	S 10-12'	Buds light gr	
29751	Myrt.	T 15-20'		
29752	Cube A "barbasco"	WV trunk to 7" thick, forming loops on ground, with numerous		branches arising from it, forming thicket or climbing tree by twisting vine
29753	Peperomia	H ter		
29754	Fungus	On log	Pl. pinkish	
29755	Dennstaedtia	H		
29756	Laur.	S slender 10-12'		
29757	?	S 12-15'		
29758	Rub.	T		
29759	Cube A "barbasco"	WV about 15 plants, oldest yet seen, on slight trees climbing to 150' or more, old		(soil #5 acid) trunks leafless, upper br. with lvs. Fr. on ground beneath, perhaps from this
29760	Chidenia	S 2-3'	Pet. w, fr. ~~Sept~~ pi	
29761	?	T 35-40'	sepl on main trunk pet. w, pi.-tinged, fils w,	anth pi, y at apex
29762	Anthurium	H ter	Spathe gr, spad grayish w	
29763	Melast.	S 6-8'	Fr. bright bl	
29764	Melast.	HV climbing ter.		
29765	Fungus	On dec. log	Pl. brownish, dried with walls	
29766	Rub.	S 8-12'		
29767	Rub	S 10-12'	Cor. w	
29768	Didymochlaena	H fr. 3-4'		
29769	Piper	S 6-8'		
29770	Xylopia?	S (juvenile) 10-12'	Barren	
29771	Piper "peltatum"? =29994	S 6-8'	Juvenile	
29772	Scutellaria	H		
29773	Gesner.	H ter	Cor. tube w, lobes pi-tinged	
29774	Spathelia?	T tree	Pet. y-g; ovary obtainable	
29775	Pancratium	HV	Barren	

Sept. 21 dense forest R. Ytaya : Soledad

29776	Melias.? ?	T 10-15'	
29777	Miconia	T 20-25'	Fr. bright y
29778	Trema	S 10-12'	Sep. green w
29779	Solanum	T 12-15'	Cor. w, green tipped, anth y
29780	Rub.	S 2-5'	Fr. purple
29781	Laur.?	T 15-25'	Bud yellow Fr. y
29782	Rub.	T 15-25'	Fr. dark green (immature)
29783	Dioscorea ?	WV	
29784	Acanth.	H ref.	Cor. y
29785	Piper	H 3-4'	
29786	Moss	On dec. log	
29787	Moss	" " "	
29788	Moss ?	" branches	
29789	Moss	" "	
29790	Hep.	" "	
29791	Hep.	" "	
29792	Hep.	" "	
29793	? Orchid	S erect 3-4'	Calyx tube green y, lobes green w, pet ? 1 w
29794	Piper	S 5-8'	
29795	Moss. ?	T 15-20'	at length Seps, superficial
29796	?	T 20-30'	Pet. w, anth. green yellow
29797	Rub.	T sup. on main trunk S 8-12'	Fr. black
29798	Acanth.	N	Cor. tube w, lobes y
29799	Rub	T slender 8-12'	Fr. black
29800	Peperomia	H ter	Sep. pilose ben. veins r.
29801	Cousapoa	T 8-10'	(Juvenile)
29802	Piper	S 10-12'	
29803	Moss. ?	T (fallen)	Pet. green out, w in
29804	?	T 30-40'	
29805	Moss. ?	T (fallen) tall ± 100'	
29806	Polypodium	N sup. on upper branches of tall tree	
29807	Peperomia	N " " " "	
29808	?	T tall	
29809	?	T 150-200' tr. ± 2' diam.	
29810	Trema	T tall	

Sept. 22

23811	?	T tall	Sep salmon pi.
23812	Acalypha	T	Styles gr.
23813	Anthurium	EH	Spathe dark gr., Sp. pi.
23814	Tessner.	H 2-3'	Calyx o-cr. ~~=~~ or-r
23815	Clavija ?	T slender 18-15'	Infl. borne on main stem
23816	Cube A "barbasco"	S slender 8-10'	10-20 plants (wild)
23817	~~Godoia rodosa~~ Rub	T 10-12'	roots industriously by ants
23818	?	T 40-50'	young Infl. dull y
23819	Connaraceae.	H after ref. below	Per. grish w
23820	Rub.	S 2-3'	Fr. bright bl
23821	Clavija ?	S slender 2-3'	
23822	Acanth.	H 2-3'	cor tube w, lobes bl.
23823	?	T	Infl. rusty brown; lvs not seen
23824	Cassia	W V high-climbing	Pet. bright y Stems purplish
23825	? "ayahuasca	W V	narcotic
23826	Acanth. "dormilero	H	
23827	Hesperia	T 12-15'	Pet. yellowish & pinkish
23828	Fungus?	On ~~dead~~ branch	Pl. blackish ~~&~~ appear like nails driven in bark
23829	Leg.	T tall	Pet. y; standard purple-violet & toward center
23830	Palm	Pl 1-1.5'	
23831	Palm "irapai"	cand. 4' Pet. 3'	Infl. at base of candex per. w, fruit (ruby) 4-angled
23832	?		
23833	ordi?	EH, or palm	
23834	myrist	T. 20-25'	
23835	?	T. 25-30'	tran. of infl & buds dull o.
23836	?	T. 15-20'	pet. grish. w,
23837	?	T. 20-25'	pet pale y; ant. br. y.
23838	? Orchid	H U.	pet w., g. at base in sty. p.
23839	morac. "ubilla"	T 30-35'	
23840	fab. Sesbania?	S 12-45; elong. tran.	pet. rich p.
23841	?	T 50-60'	
23842	Pithecolobium	T. erect, to ±2" diam; infl. on trunk	fil. w.
23843	? Lau-	T. 35-40'	pet w.; ant y.
23844	? Simarub?	S. erect 4-5'	cor. w.
23845	? Rub?	T. 25-30'	

Sept. 22 dense forest Rio Yaya : Soledad

wooded banks Rio Yaya
clearing (cult.) (San Juan) Iquitos

23 clearing Iquitos
park (cult.) Pl K, C-64

24 dense forest Nishuyacu, 15 Km So. Iquitos

(Ica used to make troops; said to last 20 yrs.) Pl K, C-63

22 dense forest Rio Yaya : Soledad
26 clearing (San Juan) Iquitos
woods

Sept. 26 woods (San Juan) Iquitos

23846	Passiflora	H. U. stemless		
23847	bignon a/soc.	W. U.	cor. br. y.	
23848	anon.	T. (fallen)		
23849	Solanum	W. U.	cor. w.; anth. y; fr. br. o.	
23850	marant.	H 3-5'	br. & per. o. r.	
23851	Eupatorium	H 2-3'	cor. & stig. pale bl.	
23852	melast.	H	pet. & fil. w., g. tinq.; anth. rich p.	
23853	rub.	T 10-15'	cor. & stig. cr. w.	
23854	"	T. 12-15'		
23855	gesner.	T. erect S. 4-5'	cal. & cor. br. o.	
23856	melast.	T 20-25'		
23857	melast.	T 20-25'		
23858	"	H U.	cal. g. & pur.; cor. tube g. & pur., lobes dull p. splattie acty. p. poor; paler dust = cr. tube g., lobes w.	
23859	Philodendron	E H		
23860	rub. Alpoc.	T 25-30'		
23861	laur. Machaer.	T. 20-25'; slender. T. braw. droop.	stig. y. stig. y. fr. o.	dense forest (bet. Tierra Blanca & Mishuyacu
23862	rub. Palic.	S. 10-12'		
23863	" Solan.	T 20-25'	pet. w. g. at base; anth. & stig. w.; stig. y.	
23864	"	T. 25-30'	br. ; fr. gnats. y.	
23865	rub.	T. 12-15'	pet. w.; anth. y; bran. & diff. b.; cor. & lobes margined with	pur.
23866	myrt.?	T. 30-40'	pet. g.; fr. sta. y; stig. g.;	
23867	? Mouriri	T. S.	bract (?) dull r.; buds y.	
23868	laur. ?	T. 20-25' bran. elong.		
23869	Inga	T 40-50'	pet. gnats w.; fil. w.	
23870	Guatteria ?	T 25-30'	cal. r.; fr. g.	
23871	myrs.	T 20-25'	ripe fr. brown	
23872	rub. ?	S. erect, 1-4'	fr. dull o.	
23873	?	T. 15-20 with slender erect tr.	fr. pur.	
23874	?	H Coarse, erect, slender S. 6-8'	cal. gr. w.; cor. w. cor. w., bl. dust	
23875	Psychotria	H		
23876	Cyathea	T.F. caud. 5'; st. y. fr. 6' l.; ± 15' unde		
23877	melast.	T 20-25'	pet. pale p.; anth. y.; stig. w.	
23878	Solanum	S. slender.	cor. w.; anth. y,	
23879	? Clusia	S. 6-8. S. 10-12'; bran. S. elong.	cor. w. faintly g. tinq: anth. w. dors, y. ventr.	
23880	Habenaria	Ter.	per. seg. gnats. o.	

Sept 26 dense forest bet. Tiera Blanca & Mishuyacu

Ph. K, C-69.
Mishuyacu, near Iquitos

23881	leg.	T	25-30'	fr. o	
23882	Piper	S.	5-6'		
23883	melast	T.	10-12'	venation of lvs pale v. dark; pet. pale p.; anth. y.	
23884	Passiflora "pucu-pucu"	H. U.		see notes	
23885	melast	U.	I woody, aff. to tr.	fr. deep bl.	
23886	?	T.	10-12'		
23887	Anthurium	H	ter.	spathe rich p.; spadix pur.	
23888	rub.	T	15-20'	fr. pur.	
23889	palm	caud.	2-3'	fr. r.	
23890	Polypodium	E. H			
23891	acanth	H		cor. w., lobes trig. w. bl.	
23892	Smilax?	W. U.			
23893	laur.	T	25-30'	fr. pale y.	
23894	Trumfetta	S.	6-8'	pet. y.	
23895	leg.	W. U		cal. p.; pet. bl.	
23896	orchid	E. H.		ster. seg. y, marked w. dull o. prox. w.	
23897	Ficus	T	40-50'		
23898	Pharadendron	I.			
		S		paras. on 29897	
23899	~~sapp.~~ Ficus	T.	25-30'	fr. r. with deeper spots	
23900	?	T.	15-20'	sep. pinkish w.; fil w.; ant. base; stg. dull p.;	stig. rich p.; fr. rich p., sep. also becoming p. when mature
23901	Polypodium	E. H.			
23902	rub.	S.	10-12'		
23903	Piper	S.	8-10'		
23904	Acalypha	S.	12-15'	pet. y.; ant. y.	
x 23905	Anetocleia	S.	spreading	cal. tube p. at base, pink.	r. above, lobes green. r., y. reticulated
23906	~~sapp.~~ ?	W. U.		fr. dull y.	
23907	acanth	~~T. 20-25'~~	S. 1-2'	cor. tube w.; lobes bl.	
23908	~~rub.~~ ?	H			
23909	malpigh	S.	10-12'	fr. rich p.	
		W. U.			
23910	asclep.	H. U.		cor. pink. y.	
23911	Solanum	H	erect	cor. w.; ant. y.	
23912	acanth	H	3-4'		
23913	Acalypha	H	2-3'	cor. w., trig. w. bl.	
23914	Tillandsia	T.	12-15'		
23915	Carludovica	E. H.			
		E. H.			

clearing
dense forest

23916	apoc.	W.U.	cor. br. y.	
23917	Cube A, Sarcelocarpus nicon	S.	8-10. top abart 25 plants	
23918	Attemanthera	S.	brau. to 4'. beau. leads grits w. stems	
23919	Anacard? Hevea	H	& foliage; rich p.	
x 23920	rubiac.	T.	20-25' cor. & aut. pale y.	
23921	melast	W.U.	cor. rich p., paler dust; lil.	
23922	malpighi.	H	pet w. & pale p.; dull y.	
23923	~~Rubiac.~~ ?	W.U.	pet br. y.	
23924	~~Euphr.~~ ?	T.		
23925	rub.	T.	sep. green	
23926	Nearly myrsia "paria" (wild peanut) "sacha-inchik"	S.	cor. w.	stem used to make flat beds, floor, walls - stem pounded until it splits long seeds roasted & eaten
23927	?	H.U.	sep. & orange; stig. pale y.	
23928	?	T	15-20'	
23929	?	T.	25-30'	
23930	rub.	T.	12-15'	
23931	gesner	S.	6-8' cor. cr. w. aut.; mottled with brown	
23932	~~flacourt~~ ?	S.	10-12' sep. w. in.; fil. w.; aut. dark. g.	
23933	?	T.	25-30'	
23934	?	T.	15-20'	
23935	?	T.	15-20' fr. o., becoming o.	
23936	?	T.	20-25' cor. w.	
23937	polygon. ?	S.	10-12' ~~fr.~~ per. g.	
23938	~~rub.~~ ?	T.	25-30'	
23939	aroid	H	cor. in stream	
23940	Marcgravia	W.U.	depend. brau	
23941	leg.	S.	light brau. (brs. not obtuna-ble) 8-10' pet y.	
23942	?	T	15-20'	
23943	rub.	S.	2-3'	
23944	~~leg~~ ?	T.	12-15' infl. or main br. cal. dull y.	
23945	leg.	on.	tr. tr.	
23946	Adiantum	H		
23947	euph.	S	10-12' fr. deep r.	
23948	melast	U.	T woody, agg. br. to fr. tr.	
23949	melast	S	slender.	
23950	?	T.	4-5' 20-25', infl. on grits; pet w.; aut y.; fr. w.	

Sept 26 dense forest Nicaragua, near Ignitos.
clearing, aut.
clearing (used to paint pottery)
L. S.

(stig w.; aut y.

P. up to 15'

27

23951	palm	caud. 4-5'; st. 2-2.5'.	infl. ~~on~~ at base of leaves
23952	rub.	I. 15-20'	
23953	Pharadendron	P. S. on 9952	
23954	Miconia	I. 35-40'	
23955	Pourouma	I. 40-50'	
23956	~~laur.~~ ?	I. 35-40'	
23957	Cube A.	S. 8-10'	
23958	fungus	on fallen T. 25-30'	pet. trans.
23959	laur.	T.	
23960	bignon.	W.U.	
23961	euph?	~~T.~~ 20-25'	
23962	Eugenia	I. 12-15'	
23963	~~guttif.~~ ?	T. 15-25'	pet. w.
23964	rub.	T. 35-40'	pet. w.; fil. y.
23965	Piper	T. slender 15-20'	cor., pub. bl.
23966	euph.	S. 6-8'	
23967	Psitticanthus	I. 25-30'	
23968	?	S. paras. on 29968	cor. br. r.
23969	melast	T.	
23970	Convolvulus	S. slender 8-10'	pet. w.
23971	~~placent.~~ ? ?	H. U.	cor. w.
23972	Asplenium	S. ~~two-shaped~~ erect	sep. & pet. g. summit bl. & infl. toward
23973	~~Pteridacea~~ ?	H	
23974	Passiflora	W. U.	
23975	Asplenium	H. U. at base	
23976	Piper	H. U. elsewhere	
23977	leg.	S. 8-10'	
23978	?	T. 45-50'	
23979	melast.	W.U.	cal. & young. cor. p.
23980	gamer.	S. 6-7'	fr. used for vinegar in. pet. p.; deep r.
23981	?	W. U.	cor. pale y.
23982	orchid	I.	
23983	melast	E. H.	5 sep. deep r. w. pale streaks; cal. g., y. blist.; lip pale y. with r. markings; odor of vanilla
23984	orchid	S. 2.5-3'	
23985	apoc.	E. H.	3 sep. pale bl.; 2 sep. pale bl. w. deeper stripes; cal. w.; lip pale bl. w. deep bl. fringes cor. tube pale y., lobes deeper y.
		I. ?	

Sept. 27 dense forest Muishuyacu, near Iquitos 115 m.

clearing

wooded banks. (Rio Nanay)
(Lake Mapacocha)

Q. S. Muishuyacu

wooded banks (Lake Mapacocha)
Q. S. Muishuyacu

Ph. K, C-68

29986	Caseana ?	T	20-25'		Sept 27 dense forest Nieshuyacu, near Iquitos
29987	Tridaranes	E, H			28
29988	Tridaranes	E_2 H_2			
29989	Passiflora	H U.	juvenile		
29990	mss	on soil			
29991	"	H U.			
29992	Stonia	H			
29993	aff. "caimeto"	T	25-30'	Cor. grish. f. edible	
29994	Mendoncia	H U.			
29995	melast.	T	25-30'	pet. r. fil. & stip w.	
29996	melast.	S	10-12'	pet p.; sta. cr. w. cor. br. y.	
29997	~~Tapura~~ Cordia lutea	T.			28 woods Iquitos
29998	?	T	10-15'	Pet. w, anth. y	29 (Pucharo)
29999	Pithecolobium	T	20-30'	Pet. o ~~green~~ (light gr.; fils wh	
300000	Leg. cf. P. cujana	T	18-25'	Stand. petsp., whitish at centr; w. fi., pale	
* 30001	Paullinia sorbilis "guaraná"	WV		Pet. w; fr. r.	
30002	Passiflora quadriglandulosa	HV		S o p. blue to r. int. pet. w, w dust.	
30003	Euphorb.	T	slender 15-20'	Buds gr.	
30004	Melast.	H ± woody bel.	erect 4-5'	Pet. o fils w, anth. y-ish	
30005	Couma guianensis	T	35-40'		(cult. ?)
30006	Theobroma bicolor	T	30-35'	on ult. branches Fr obl. ± 25×10 cm.	"
30007	Aponaneia teuniflora	T	25-30'	Cor. grish-y.	"
30008	Cordia	T	12-15'	Cor. cream w	"
30009	Hevea marginata	T	50-60'	Pet. y-g.	"
30010	Miconia	T	30-35'	Pet. w	edge of woods
30011	Theobroma grandiflora	T	35-40'	sep. gr. wt, fi. r. Infl. on maint. pet. red	(cult.)
30012	Miconia	T	25-30'	Pet. wh.	edge of woods
30013	Quassia amara	T	slender 12-15'	Pet. o fr. r. fils fi.; anth. gr.	(cult.)
30014	Anona	T	40-50'	Sep pinkish y	
30015	Peperomia	Ect			thickets
30016	Myrcengenia	S	3-4'	Pet. w	thickets
30017	Physocalymma (Lythrac)	T	25-30'	Pet. blue; fr. r	thickets
30018	Byrsonima laucifolia	T	10-20'	Pet. y	
30019	Securidaca	S	10-12'	Pet rich pi	
30020	Entada	T	10-12'	Pet. o fils. grish w	

* Det. Ducke; check up our spelling

Oct. 13 Agr. Exp. Station (transplants from forest thickets) Manáos, Brazil

No.	Name		Habit	Notes	Date	Habitat	Locality	Photo
30021	malv.		H rep.	Pet. y., red-br center	Oct. 13	field	Manáos	
30022	~~Bigon~~ Bignon.		W.V			thickets		
30023	Ficus "bejamé"		T 15-20'	Trimmed to cylindrical shape to give maximum shade		Planted along streets		Pl. K, C-81
30024	malp.		S. liqu. clay	pet. y.	14	dry sandy woods	Río Negro: above Manáos	
30025	Lonchocarpus	"timbó cururú"	S. low, becoming W.V. above	pet. rich p.				Pl. K, C-86
30026	Lonchocarpus	"timbó legítimo"	S. 3-5', top. scan.	3-5 plants		(cult.) in " " " (roots used for fishing)		Pl. K, C-87
30027	Cassia		S. 12-15'	pet. y.		dry sandy woods (Uypiranga)		
30028	Lonchocarpus	"timbó cururú"	W.V.	pet. rich p.				Pl. S. 26-12
30029	apoc.		T. 20-30'	cor. w.				
30030	cyper.		H					
30031	?		T. 25-30'					
30032	myrt.		T. 8-12'	fr. edible				
30033	?		S. 7-10'					
30034	?		W.V.					
30035	Eugenia		S. 8-12'					
30036	Mayepea paniflorides	(cult., transpl. from woods)	W.V	cor. br. bl., paler in prox.; fil. w.; anth. brown				
30037	?	(cult.)	T. 15-20'	pet. w.; ting. w.p. & pur.; fr. edible				
30038	Lonchocarpus	"timbó legítimo"	S. 3-5', top. bran. scan.	2-3 plants cult. in →				
30039	Clibadium		H 3-5'	cor. w.				
30040	~~malp.~~ ?		W.V.	pet. y.				
30041	Lonchocarpus	"timbo"	S. 2-5'; top. bran. scan., about 3 or 4 plants cult.	wings & keel rich bl., paler prox.; stan. rich bl., g. at base, paler out.			clearing	Pl. S. 26-15, 16, 17
30042	?		T. 30-40'	pet. w.; fil. w. prox., r. dist.; anth. deep r.		sandy beach		
30043	Pithecolobium		T. 40-50'	cal. & pet. deep r.				
30044	Derris?		W.V.			thickets along sandy beach		
30045	Solanum		S. 3-5'	cor. w.; anth. y.		sandy thicket	Manáos	
30046	Ipomoea		H.V.	cor. rich p.				
30047	Psychotria		S. erect.	cor. rich p., colby.; anth. w.				
30048	apoc.		S. 10-12'; ~~[illegible]~~ W.V.	cor. br. y.	15	dry sandy woods		
30049	Lindmera		H matted	cor. pale bl.		sandy soil		
30050	Rhinchospora		H					
30051	Licrenena		H	heads w.				
30052	Cuphea		H	pet. rich p.				
30053	Bilai		H 3-4'	br. br. y.; per. y., marked with g. toward apex				
30054	Arthrostemma		H	pet. w.; fil. rich p.; anth. pur.				
30055	"		H 2-2.5'	pet. & sta. w.				

30056	Piper	S. 7-9'				
30057	clusiac.	T. 20-25'				
30058	Xyris	H	per. y.			
30059	aroid	H	ter.	spathe beby. ovt, pale g. in; spadix g.		
30060	bombacac.	T. 35-40'				
30061	apoc.	T. 12-15'	car. w.			
30062	Alsophila	T. candex subt.; st. 2-2.5'; fr. 3'				
30063	melast.	T. 12-20'	pet. p.; ant y.			
30064	Chlorophora	T. 15-20'				
X 30065	melast.	T. 10-15'				
30066	Piper	T. 8-10'				
30067	fab.	S. H. U.	petiole pur., paler to w. prox.			
30068	morac.	T. erect, 10-12'				
30069	sapind.	S. 10-12'	pet. pink y.			
30070	grass	S.				
30071	laur.	H	20-25'	buds y.		
30072	morac.	T.	15-20'	fr. deep pur.		
30073	Passiflora	H. U.	slende			
30074	Torchiocarpus "timbó"	W.U.	forming low thickets			
30075	Xyris	H	12-15'	per. y.		
30076	Psidium	T.	20-25'	pet. pale y.		
30077	cupli?	T.	30-35'			
30078	Clusia	T.	35-40'	fil. w.		
30079	mimos.	T.		sta. pale y.		
30080	Acaciella	W.U.		pet. rich g.		
30081	Torchiocarpus	W.U.	40-50'	pet. w. prox. bl. dist.		
30082	leg.	P.				
30083	Panicum	P.				
30084	Paepalanthus	H				
30085	cyperac?	H	forming dense clumps 1-3' high			
30086	Utricularia	H		cor. br. y.		
30087	..	H		cor. pale y.		
30088	melast	H		pet. & fil. w.; ant. pur.		
30089	Symplocos	P.	15-20'	pet. g. ant. w. in		
30090	Lecistema	T.	20-25'	sta. pale y.		

Oct. 15	dry sandy woods	Manáos	
	sandy bog		
	dry sandy woods		
	sandy soil		
	dry sandy woods		
	cleaning		
	sandy bog		
	cleaning, ~~[illegible]~~		
	dry sandy woods		
	sandy bog.		
	dry sandy woods		

30091	Scleria	H		Oct. 16	dry sandy woods	Manáos
30092	?	T 20-25'	Br. infl. & calyx & Pr. black			
30093	~~Rub.~~ Rupti	T 8-12'	Cor. spiral w			
30094	Opoc.	T 15-20'	Cor. wh.			
30095	Sapium	T	Buds green w			
30096	Passiflora quadriglandulosa	HV	Sep Pet scarlet,		at apex.	
30097	Paleonrea	T 20-25'	Br. infl. ; lim wh			
30098	Laur.	T 15-20'	Cor. bell pi, lobes tip-			
30099	?	T 10-12'	Calyx grass gr.			
30100	Bignon.	W.V.	Pr. or.			
30101	Selaginella		Cor. y			
30102	Vernonia	H				
30103	Securidaca	S erect 8-10'	Pap. wh.			
30104	Psychotria	H 1-1.5'	Pet. deep pi.			
30105	Rub.	T 15-20'	Bracts infl. calyx			
30106	Heliconia	T	y; cor. r.			
30107	Miconia	H 2-2.5'	Cor. r.			
30108	~~Laur.~~ Cordia?	T 25-30'	Br. w, gr. mottled		dist.	
30109	Anguria	T 30-40'	Pet. v. auth. pi.			
30110	Lonchocarpus rariflorus	HV	Fr. or. y			
30111	Vernonia	WV	Calyx ar. - r.			
30112	?	S 12-15'	St. & w. black pi.			
30113	?	T 15-20'	Pet. wh, brown-striped		out	
30114	Pithecolobium	WV	Pap. w			
30115	Piptadenia	S long br.				
30116	~~Hura~~ Euph.	T 40-50'	Pet. r-pk grish y;		auth. w	
30117	~~Stigmaphyllon~~	T 15-20'	Buds green w			
30118	Bignon.	WV	Pet. bright y			
30119	Solanum	WV	Cor lobes pi, tube paler			
30120	Solanum	H 2-3' ± woody	Cor. w, auth y			
30121	Placont.	H ± woody 2-3'	Cor. purp.			
30122	Mor.	T 15-20'	Buds grish w			
30123	Miconia	T 30-35'	Buds grish w			
30124	Mollia speciosa (Tiliac)	T 25-30'				
30125	Euph.	T 30-35'	Pet. w	Oct. 17	dense forest	
		T 25-30'	Calyx grish-pi, deep-gr. mottled out			

30126	Leopoldina	Caud. 6-8'; stipe ± 2'; fr. ± 4'	infl. at base of stipe	Oct. 17	dense forest	Manáos
30127	Lecythidac. (nsp. Duke studying)	T 80-100'	Pet. w.			
30128	Swartzia	T 25-30'	Pet. - fils pinkish w purple gr.			
30129	Melioc. ? Tapirira ?	T 35-40'				
30130	Solanum	S erect 5-7'	Cor. pink w, anth. y		thickets	
30131	Solanum	S 6-8'	Cor. bl, anth. bright y			
*30132	Piper	S 8-10'				
30133	Melast.	S 4-8'	Pet, fils & style bright pi. anth y-g		dense forest	
30134	Ocotea	T 30-35'	Infl. pink y			
30135	Ocotea	T 25-30'	Infl. pink w			
30136	Piper	S 5-6'				
30137	Lonchocarpus	S 2.5-4.5' juvenile				
30138	Palicourea	T 15-20'	Pet. purplish, br. infl bright r.; cor. purplish r.			
30139	Mor. (nsp.?)	T ~~50-100'~~ 75-90'				
30140	Piper	S 6-8'				
30141	Psychotria	T 20-25'	Br. infl & calyx bright Cor. r.			
30142	Nicotiana	T 25-30'				
30143	Scleria	H 4-5'				
30144	Hippocrateac.	WV	Pet. wh.			
30145	Philodendron	E H	Spathe pink; spad. w			
30146	Piper	S 6-8'				
30147	Dichapetalac.	T 35-40'	Pet. pink w			
30148	Caryocar	T 50-60'	Stamens deep r.			
30149	Passiflora auriculata	HV	Fls. glaucous ben.			
30150	Hymenaea intermedia Ducke ?	T 60-80'				
30151	Apoc. (nsp.?)	T 100-120'	Cor. pink yi; dotty red-tinged ins			
30152	Rub Meliac ?	T 25-30'	Buds y-g.			
30153	Flacourt.	T 30-35'	Fils. wh, anth. dark bn.			
30154	Tragia	HV	Pet. y-g			
30155	Polypodium	E on trees				
30156	Rinorea	T 35-40	Pet. pink w			
30157	Macrolobium limbatum coll. only by Spruce	T 50-60'	Pet. w; fils. purplish			
30158	Cyperac.	H ±5'	Fr. black			
30159	Rub.	T 35-40'	Cor. w, tube pi-tinged base anth. yl.			
30160	Paepalanthus	H				

moist sandy soil (Banks of Tarumá)

* Send Piper, Solanum, Melast. & Rio when named

30161	Paspalum	H		Oct. 17	moist sandy soil (Falls of Jaruma) Manáos
30162	Paspalanthus	H			
30163	Utricularia	H	Cor. ~~pinkish blue~~ blue, pale at base		
30164	Trid.	H	Per. blue, pale prop.		
30165	Gent.	H	Cor. ~~yellow~~ pure wh		
30166	Brom.	H ter	bor. in rosette; infl. at center; per. w, blue apex		dense forest
30167	Eugenia	T 12-15'	Pet. wh.		
30168	Eugenia	T 15-20'			
30169	Stigmaphyllon	WV	Pet. bright y		
30170	Melast.	T 12-15'			
30171	Oxalis	H 3-4'	Per. wh.		
30172	Trichomanes	H			
30173	Palicourea	T 15-20'	Cor. pink w		
30174	Piper	S 8-10'			
30175	Rub.	H+woody	Cor. w		
30176	Selaginella	H			
30177	Lonchocarpus	S juvenile 3-4'			
30178	Lindsaya	H			
30179	Couepia	T 60-80'			
30180	Clidemia	S 3-5'			clearing
30181	Cuphea	T tall	Pet. pinkish - w; y at center deepr at base		dense forest
30182	Polypteridium	H bas. to 3'l.			
30183	Thelypteris	H			in stream
30184	Schizaea	H			open sandy soil
30185	Polystichum	H			dense forest
30186	Vogan.	~~H~~ S. 6-10' erect.	bran. of infl. & cor. y., lobes g.		
30187	Rhododendron	Para. S.			
30188	Rub.	S. 8-12'	cor. rich p. ± pale dist.; fr. black.		
30189	Erythroxylon	T 25-30'	Pet. pale y.		
30190	Machaerium	T 40-50'	keel. g.w.; wings bl.; stan. bl, marked w.g. in. ant center;		
30191	Lonchocarpus (Hemi?)	W.V. high-climbing	lat. pale g., ant. y. pet. rich. bl.		
30192	Lonchocarpus rariflorus	W.V. 30-35'	pet. y.		clearing
30193	Erythroxylon	T. 40-50'	buds w.		
30194	Myrs.	on decayed log.			
30195	Moss				

30196	Pinzia excelsa		T.	80-100'	fr. only		
30197	Stirigmopetalum obovata	Rubl.	T.	80-100'	fil. w.		
30198	Richardsonia Compo.		T.		cor. w.		
30199	marac.		H	40-50'			
30200	Ramisia ulei		I	erect, S. 10-12'	cor. pale y.		
30201	Clusia		T	30-40'	pet. rich p.		
30202	marcgrav.		S	sulcan.	tracts deep r.		
30203	"		S	erect, S. 10-12'	bas. & infl. at summit, panicle I'l. pet. paleg.; cal. deep r.; twig w. g.;	fil. w.	
30204	Gualea		T	40-50'	cor. pale p. fr. splendid		
30205	Passiflora edulis "maracajá"		H. V.		~~scarlet~~ Scum. drum, yg. stem thin		
30206	Capparis "courabaúl"		T	12-15'	Rubl. pink gr.		
30207	Piper		S	8-10'			
30208	Sanchezia		S	erect, S. 3-5'	br. r.; cor. br. o., pale prox., deeper at tubes		
30209	scroph.		H	1-2'	cor. w.		
30210	Tragia		V	I woody			
30211	Ipomoea		H. V.		cor. w. to faint bl., deep bl. prox. in.		
30212	Pavonia		S	3-5'	pet. l. & dr. & appr. w.		
30213	Scleria		H	3-5'			
30214	Polypodium		H	repent on tr. tr.			
30215	cupb.		H	coarse, 3-4'	all ff. part paleg.		
30216	comp.		H	2-3'	rays & flowers br. y.;		
30217	cupb.		T	woody	cort. hair		
30218	Piper		W. V.	high-climbing	bls. paleg.		
30219	Piper		S	6-8'			
30220	Chelonanthus		S	8-10'			
30221	grass		E. H		~~spatte~~ T.; sp. spatte g.; spadix p.	br. rich p.	
30222	?		H	1'			
30223	Peperomia		T.	30-35' infl. on main trunk.			
30224	Phyllodendron		E. H				
30225	Calathea		E. H				
30226	Tillandsia		H	coarse, 5-7'	br. r.; per. o. y.		
30227	Peperomia		E. H				
30228	Antrophyum		E. H				
30229	Polypodium		E. H				
30230	Trichanthera		E. H				
			T.	12-15'	cor. deepr. prox, brownish y. dist.		

Oct. 17	dense forest	Uaucáos	
			fil. w.
	(cultivated)		
20	~~clearing~~ dense forest	Obidos	
21		Santarem	
23	swampy jungle	Breves	
	open marsh		
	swampy jungle		
	clearing		
	swampy jungle		

30231	Bradburya	H V.	~~tall~~ w. to pale g.; stam. marked w. bl. in. prox.	Oct. ~~Sept~~	23	thickets
30232	Clibadium	S 4-7'	Velvety vel		25	cultivated
30233	Teplrosia "timbo de cayenne"	H ~~2-3~~ 3-5' woody below	Roots used as fish poison			"
30234	Teplrosia "timbo de cayenne"	H 2-3' woody below				"
30235	Solanum	H 3-4' woody bel.	Cor. bl., anth. y			thickets
30236	Passiflora	H V				clearing, probably cult.
30237	Cordia	S Compact ± 3'	Calyx light gr Cor. wh			clearing
30238	Solanum	S erect 4-5'	Cor. w, anth. brown			
30239	Paliconrea	T 12-15'	Br. infl. deep bl, bd.			
30240	Epidendrum	E H	3 sep. deepr. striated w. o. m.; lip pale y. prox., deepr. dist.			woods
30241	Cubeba "timbo legitimo"	S 6-8'; bad. high climbing;	cor. deepr. marked w. y. dist. & prox. in.; On tree in Jardim Botanico	Oct.	27	sandy field (Cutrão-convento)
30242	Cassia	H, 1-3'	pet. br. y.			thickets
30243	Cassia	H	pet. br. y.			
30244	apoc.	S 4-6'; branches.				
30245	Cithrarexylum	S. elong.	cor. br. y.			
30246	Ipomoea pinnatifida	T. 15-20'	br. g.			
30247	Passiflora coccinea	H V.	cor. w, grish. prox.			
30248	Mamma	V I woody	s. & p. scarlet; fil. p.; pur. at apex			
30249	Solanum	S. 10-12'	pet. pale p.			
30250	Psidium	S. 12-15'	cor. w. to pale bl.; ant y.			
30251	Cordia	T 15-20'	pet ~~pale~~ w.			
30252	Mimosa	I. 15-20'	cor. & fil. w.			
30253	gutifr	S subscan.	fil. rich p.			
30254	Eugenia	T.				
30255	Piper	I. 25-30'	bran. of infl. V brown & calyx			
30256	Crotalaria	T. 25-30'	pet w.			
30257	apex.	W. V.				
30258	Herculina	S 7-9'	pet. br. y.			thickets
30259	Bradburya	H V.	cor. g. ~~prox~~ br. y. dist r. in. at base of lobes			
30260	Piper	H V.	cor. br. y.			
30261	Crinum	H V.	pet w.; stam. marked w. bl. in. prox.			
30262	marant	S. 5-7'				
30263	unpl.	H tuo. basal, culm ± 2' h.	per. w.; sta. g.			
30264	Cyperus	H up to 3'	per. w.			sandy field
30265	Blechnum	H 2-3'				
		H				
		H				

Brenes
~~Pará~~ Japará

Pk ~~K, C-100~~
S

Pk { K, C-100
S, 28-1

Pará

30266	Cyperus	H.		Oct.
30267	Cyperus	H.		Sept. 27 sandy field (Entrão convento) Pará
30268	Scleria	H.		
30269	Hyptis	H.		
30270	Andropogon	H.		
30271	Rondeletia	S. 10-15'	cor. w.	woods
30272	Passiflora acuminata	H.V.	sterile	
30273	Passiflora auriculata	H.V.	sterile	
30274	Myrcia	T. 25-30'		
30275	Xyris	H.	per. y.	
30276	Stigmaphyllon	W.V.	pet. br. y.	sandy bog
30277	~~Mar.~~ Billm	T. 20-25'		thickets &
30278	Mikania	W.V.		woods
30279	Micania	S. 5-10'	pet. w. to pale bl.; ant. rich p.; fr. black	thickets
30280	Chelonanthus	H. coarse, 4-5'	cor. grish. y.	woods
30281	Mutisiclina	H. 8-12'	cor. g.; ant. w. pet br. y.	thickets
30282	Cassia	S.		
30283	Cassia	S. sulcate.		
30284	Solanum	S. 10-12'		
30285	Sapium	S. erect 6-8'	cor. rich bl.; ant y.	
30286	melast	T. 20-25'	buds y.	woods
30287	melast	T. 15-20'	pet & ant. pale p.; fil. greenish y.	
30288	comp.	S. 8-10'	pet w.; ant. pale y.	
30289	Anona	S. sulcate.	rays. y.; flowers o. y.	
30290	Tonnefortia	T. 35-40'	fr. edible	clearing
30291	Jacisteina	T. 15-20'		woods
30292	Piper	T. 12-15'	fr. deep r.	
30293	sapind.	S. 10-12'		
30294	Passiflora laurifolia	S. erect. 5-6'	fr. br. r.	
30295	Eupatorium	H.V.	sterile	thickets
30296	Smilax	S. 8-10'	cor. lobes & stg pale bl.	
30297	bignon.	W.V.		
30298	melast	W.V.	cor. br. o. r.; ~~fl.~~ sta. pale y.	
30299	Gouania	S. 4-5'	pet. pale y. to w.; ant. pale y.	
30300	laur.	T. 15-20'	pet pale y. to w.	woods
		T. 35-40'		

30301	Bradburya?	H V	pet. pale to deep bl.	
30302	Oxytaulthus	S	paras.	
30303	Lepicaia	S 6-8'	pap. w.; cor. + stip. pale bl.	
30304	Piper	S 3-4'		
30305	Croton	H + 3'		
30306	Hyptis	H coarse, 5-7'	cor. pale bl.; anth. y.	
30307	Rhamnac.	T slender 15-20'		
30308	Nepsera	H ± woody 2-3'	Pet. w	
30309	Miconia	S low bush.	Pet. pl. w	
30310	Cuphea	W V	Per. pink w	
30311	Evea	S 2.5-3.5'	Br. deep pink Cor. tube wh; lobes rich pi.; fils w	
30312	Rub.	S 8-10'	Cor. bright r	
30313	Piper	S 6-8'		
30314	Passiflora glandulosa	H V	See notes	
30315	Clidemia	T 10-12'		
30316	Dryopteris?	H		
30317	Piper	S 7-9'		
30318	Vernonia	S 4-6'	Cor. tube w, lobes pi. fading to w	
30319	Passiflora cuspidata	H V	Cor. tube w, lobes deep pale w, exc. out fils deep blue	
30320	??	T 30-40'	Appendages dk. red; br.	
30321	Solanum	S slender 8-10'	Cor. w, anth. y	
30322	?	S 2-3'	Br. dk. red; cor. light y	
30323	Leg.	W V high-climbing	Stow bl, later pur. Keel wh	
30324	Grass	H		
30325	Scleria	H		
30326	Polygala	H 2-3' ± woody	Pet. pi. ow, bec. pink in age.	
30327	Peperomia	E H dependent	Br.	
30328	Guttiferae	S 4-6'	Fr. pink-y	
30329	Polypodium	H ~~rep~~ erect		
30330	Saccoloma	H 3-4'		
30331	Polypodium	H		
30332	Anthurium	E H		
30333	Coccocypselum	H rep	Cor. tube w, lobes blue Fr. bright blue	
30334	Piper	S 4-5'		
30335	Dryopteris	H		

Oct 27 thickets (Entre Rios) Pará
woods
thickets
woods
sandy field

29/28 woods (Japaná)
~~Para (?)~~

thickets

clearing

woods

(Pinheiro)

30336	Rub.	T 10-12'	Br. & cr. wh		(Pinheiro) Oct. ~~25~~ 29 woods (~~Tapanã near Paricatuba~~) Pará
30337	Carludovica	EH			
30338	Myrcia	T 15-20'			
30339	Lygodium	HV			
30340	Peperomia	EH			
30341	Rynchospora	H			
30342	Lacistema	T 15-20'	Fr. r.		
30343	Lespedeza	S slender ± 3'			(Tapanã)
30344	Leg.	HV			clearing
30345	Selaginella	H			woods
30346	Solanum	S 10-15	Cr. w, anth. y		
30347	Asclep.	HV	Cr. w		clearing
30348	Tschnosiphon amarum?	H 4-6'	Per. y		woods
30349	Tillandsia	EH			
30350	Anthophyum	EH			
30351	Melast	S ± 12'	Pet. wh.		
30352	Evea	S 2-2.5'	Br. bright r Cr. pale y		
30353	Mendoncia	HV	Brats bronze		
30354	Rynchospora	H			
30355	Cordia	S 8-10'			
30356	Selaginella calcarata A. Br. det. Somers 1978	H			
30357	Smilax	WV	Br. r		
30358	Richardia	S ± 5' yellowy br.	Cr. wh		
30359	Solanum	H ± woody 3-5'	Cor. bl., anth. y		thickets
30360	Passiflora maguireana	HV			woods
30361	Moss	On dec. log			
30362	Moss	On dec. log			
30363	Melast.	H sweet 4-6' + woody bel.	Pet. pale pi; fils w anth. yr.		thickets
30364	Rub.	HV	Cor. wh.		edge of woods
30365	Heliconia	H ± 3'	Br. o-r; per. y-r		
30366	Kyllinga	H			
30367	Melast.	H subshrub	Pet. pale pi; anth. deep blue		
30368	Solanum	T 12-15'	Cor. bright bl; anth. y		
30369	Solanum	T 10-12'	Cor. bright bl; anth. y		
30370	Apoc.	S ± 1', perhaps deformed	Cor. pure wh		woods

30371	Pasiphora laurifolia	H V	See note	Oct. ~~28~~ 29	thickets	(Japaúra)	Pará
30372	Euph.	W V	Fr. yg-g		woods		
30373	Rub.	S 5-6'	Bracts & cor. w				
30374	Palicourea	S 10-12'	Cor. light yg.				
30375	Xanthosoma	E H					
30376	Alternanthera	H 3-4'	Infl. wh.	Nov. 2	thickets	(Santa Izabel)	
30377	Bignon.?	S 6-8' climb. w.	Cor tube pi. out, w. & blue-striped in; lobes	pi. out, blue in; fils. wh.			
30378	Mendoncia	H V					
30379	Lasiacis	H V					
30380	Cestrum	S 8-10'	Cor. yg.; fr. purp.				
30381	Solanum	S erect ± 5'	Cor. pale pi out & dotted with deep pi.; wh. in; y				
30382	Erythroxylon	T 15-20'	Pet. pink-w	3	sandy beach	Ilha do Mosqueiro	PH.S. 28-3
30383	Ipomoea	H refl in sand	Cor. wh				
30384	Plumiera	S 2-3' slng br.	Cor. bright y				
30385	Urvillea	V ± woody	Pet pink w				
30386	Waltheria ?	H					
30387	Comp	H	Florets pink w				
30388	Tabernaemontana	S 2-3'	Cor. w				
30389	~~Gelo~~ Verbenac.	T	Cor tube w, lobes pink y				
30390	Clidemia	S 7-8'	Pet. w		coastal thickets		
30391	Zingiber	H ± 2'	Per. pi., pubescent				
30392	Bradburya	H V	St. & w. purple at bl, deeper at tips; beak w				
30393	Ipomoea	H V	Cor. rich pi				
30394	Stigmaphyllon	W	Pet. y				
30395	Cardiospermum	H V	Pet. w				
30396	Galactia	T 35-40' 25-30'	St & w beneath pi; b. w				
30397	Aeschynomene	H 2-3' ± woody	Pet. y		sandy beach		
30398	Vernonia	S 6-8' slng br.	Florets light pi		coastal thickets		
30399	Grass	H			sandy beach		
30400	Eugenia	S 2-4'	Pet. & fils w				
30401	Eugenia	S 2-4'	Pet. & fils. w				PH.S. 28-5
30402	Stylosanthes	H					
30403	Cordia	S 4-6'	Cor. cream w				
30404	Rynchospora	H 3-4'			sandy marsh		
30405	Solanum	S 5-6'	Cor. bright be auth y		coastal thickets		

30406	Marsypianthes	H slender 2-4'	Cor. blush pi.	Nov. 3	coastal thickets	9 Ilha do Mosqueiro
30407	Scleria	H 2-3'				
30408	Droseona	HV				
30409	Nepeta	H 2-3' ± woody	Pet. w			
30410	Mucuna	HV	Pet. greenish bl out deep violet in		edge of woods	
30411	Canavalia? tricuspidata	HV	Pet. rich pi.			
30412	Nyctaginia	T 30-40'	Pet. w			
30413	Solanum	S 5-7'	~~Pet~~ Cor. w. Sep scarlet			
30414	Passiflora coccinea	HV				
30415	Piper	S 8-10'				
30416	Tibouchina	H	Pet. pi.			
30417	Rub.	S 2-3'	Br. rich purp.			
30418	Aeschynomene	H 2-3' ± woody	Pet. y		sandy beach	
30419	Lespedeza	H ± 2'	Pet. pi			1
30420	Waltheria	S ± 1'	Pet. y			
30421	Cyperus	H				
30422	Apoc.	HV	Cor. quick y		Coastal thickets	
30423	Stylosanthes	H	Cor. y			1
30424	Eugenia	T	Pet. ~~w~~ w with def gr.		woods	
30425	Bowreria ?	S 6-8'	Fr. r.			
30426	Coccoloba	T 25-30'				
30427	Machaerium	T 15-20'	Strow grayish pi; cream Pet. ~~pink~~ w		at center; K. cream	
30428	Lonchocarpus	S ± 4'	Barren			
30429	Myrcia	T 15-20'	Pet. w			
30430	Melast.	T 25-30'				
30431	?	T 30-40'				
30432	Paspalum	H				
30433	Paspalum	H				
30434	Cordia	S 6-10'	Cor. wh.			
30435	~~Rub~~ Hippocrepis	T 12-15'	Fr. wh			
30436	Myrcia	T 25-30'	Pet. quick w			
30437	Chamaelia	T slender	Cor. y Fr. w			
30438	Apoc.	S slender ± 2-3'	Cor. wh.			
30439	Epiphyllum	Ett				
30440	Clavija ?	S erect ± 5'	Infl. at summit of stem			

30441	Piper	S 8-10'		Nov. 3	woods	Ilha do Mosqueiro
30442	Alchornea	T 20-25'				
30443	Solidago	H	Flrets y		clearing	
30444	Tragia	H	Pet. grish w			
30445	Rub.	S 8-10'	Cor. grish w		woods	
30446	Euph	T 35-40'				
30447	Bikai	H 4-5'	Br. r.			
30448	Piper	WV				
30449	Siparuna	S 6-8'	Br. r.			
30450	? Tiliac	T 40-50'				
30451	Dioclea	WV	Pet. pinkish Obov, st. purple-blotched in	at center	thickets	
30452	?	T 30-40'	Cor. deep pi		woods	
30453	Anon.	T 20-25'				
30454	Coutoubea	H	Cor. w			
30455	Philodendron	E H	(Infl. separate)			
30456	Capparis	T 20-25'	Pet. y		coastal thickets	
30457	?	T 25-30'				
30458	Euph.	T 30-35'	Pet. grish w			
30459	Machaerium	T spreading 15-20'	Pet. blush pi			
30460	Trimbistylis	H			sandy beach	
30461	Clusia "macrocarpa"	T ~~25-30'~~ 35-40'	Fr. w (Fr. separate)		coastal thickets	
30462	Miconia	T 25-20'				
30463	Rub. Myst.	T 20-25'				
30464	Apoc.	S slender 2.5-4'				
30465	Rhoadendron	S part	Plant bronze-color			
30466	Munos.	T 35-50'				PK K D-18
30467	Hibiscus	S erect 4-6'	Pet. bright pi			
30468	Leg.	T 50-60'				
30469	Bignon.	WV	Cor. pink-w			
30470	Eupatorium	S 5-8'	Cor tubes pink w lobes & stigs pale pi			
30471	Mikania	HV	Cors pink w			
30472	Andropogon	H 4-6'	Spikes reddish			
30473	Piper	S 7-9'				
30474	Machaerium	T	Pets blush pi, k. pale			
30475	Machaerium	T 40-50'				

30476	Orchid	Ep		Nov. 3	Coastal Thickets	Ilha do Mosqueiro
30477	Tillandsia	Ep				
30478	Clusia	T 10-15 15-20'				
30479	Maregraaviac.	S subsc.	Pedicels r			
30480	Banhinia	T 15-20'	Pet. pink w			
30481	Solanac.?	T	Fr. brown	4	woods	
30482	Grass	H 1-2'				
30483	Alchornea	T 15-20'				
30484	Grass	H				
30485	Solanum	S erect 6-7'	Cor. w, anthers y			
30486	?	T low				
30487	Grass	H 3-4'				
30488	Melast.	S 10-12'	Pets w			
30489	Vernonia	S subsc Br.	Heads pinkish w			
30490	Tibouchina	H slender	Pet. pi.			
30491	Polygala	H 4-7' ± woody	Pet. pi. tinged			
30492	Bignon.	WV	Cor. or. r			
30493	Cassia	S 8-12'	Pet. y		thickets	
30494	Anguria	HV	Calyx for. r Cor. or-y.			
30495	Miconia	T 25-30			woods	
30496	Tabernaemontana	S 3-4'	Cor. w			
30497	Solanum	S 4-6'	Cor. blue, anth. y		thickets	
30498	Solanum	S 8-10'	Cor w, anth. y			
30499	Trimpetta	H ± woody 2-3'				
30500	Passiflora glandulosa	HV	S. p. bright pi corpets pale pi		woods	
30501	Lantana	S elongate	Cor tub w, lobes lilac		thickets	
30502	Rub.	T 12-20'	Cor. bright y		woods	
30503	?	S	Pet. pinkish y			
30504	Rub	T 15-20'	Cor. pinkish w			
30505	Laur.	T 30-40'				
30506	Passiflora edulis	HV			thickets	
30507	Psidium	T 10-12'				
30508	Inga	T 40-50'	Stamens pinkish w		woods	
30509	Arbor.	T 30-35'				
30510	Machaerium	T 40-50'	Pet. pinkish blue		coastal thickets	

30511	Banisteria	S 12-15'	Pet. y	Nov. 4	coastal thicket	Alhado Mosqueira
30512	Eugenia	T	Pet. pls w			
30513	Euph. Bravoa?	T 30-35'	Pet grish w			
30514	?	T				
30515	Polypodium	Herb on tth				
30516	Polypodium	Herb on tth				
30517	Dioscorea	H V				
30518	Eugenia	T				
30519	Xylopia	T 25-30'				
30520	Rhododendron	S Par				
30521	Mor. ?	T 30-35'				
30522	Eleocharis	H			sandy beach	
30523	Arac.	Herect, simple (characteristic tidal Stem, los. sup. atomit plant)				Ph K, C-93
30524	Mimosa	T 8-10'	Pet pi		coastal thicket	
30525	Serjania	H V			sandy beach	
30526	Phaseolus	H V	Pet. blue			
30527	Banisteria	T 20-25'	Pet. y		coastal thickets	
30528	Laur. Cordia?	T =			thicket	
30529	?	T				
30530	Eleocharis	H			in water	
30531	Nymphaea	H	Pet. w			
30532	Marant.	H 3-4'			coastal thickets	
30533	Vittaria Orchid	EH			•	
30534	?	S			coastal thicket	
30535	Rub	S				
30536	Leg.	T 40-50'	Pet blue pi			
30537	Quadr.	T 35-40'				
30538	?	S				
30539	Machaerium	T 30-35'				
30540	Machaerium	T 50-60'				
30541	Anacard.	T 25-30'				
30542	Euph.	T 40-50'				Ph. S. 28-9
30543	Bignon.	WV 40-50'	Co orange pi-lead			
30544	Leg. ?	T				
30545	Inga	T 35-40 50-60'				

30546	?	T 30-40'	
30547	?	T	
30548	Hirtella	T 10-15'	
30549	Rhamnoc.	T	
30550	Leaythid.	T 50-60'	
30551	Ipomoea	HV	Cor. w
30552	Orchid	Ep	
30553	Tillandsia	Ep	
30554	Anthurium	Ep	
30555	Symploc.	T	
30556	Machaerium	T 50-60'	
30557	Clidemia	S 8-10'	
30558	Orchid	Ep	
30559	Leg.	T 50-60'	
30560	Myrt	T 40-50'	Fils grish w
30561	Leg	T 60-70'	(pr. separate)
30562	Orchid	Ep	3 reg grish y 2 " dk grish w
30563	Orchid	Ep	
30564	Euphorbiaceae?	T 40-50'	Pet. cream w
30565	Cassia	S 10-15'	Pet. y
30566	Leg.	T 35-40'	
30567	Hibiscus schizopetalus	S 8-10'	Pet. fishch. r
30568	Platymiscium	T 50-60'	Pet. y
30569	Bignon.	WV	Cor. pi
30570	Byrsonima	T 40-50'	Pet. bright y
30571	Mimosa	HV	fils pi.
30572	Passiflora laurifolia	HV	
30573	Palm	S subsc.	
30574	Siparuna	S 8-10'	
30575	Apoc.	HV	Cor. cream-w
30576	Cubé A "timbó legitimo"	S subsc.	
30577	~~Hirtella~~	S 8-12'	Pet. pi; anth. bl.
30578	Piper	S 6-8'	
30579	Myrcia	T 25-40'	Pets grish y
30580	?	S along br.	

Ph. S 28-8

Nov. 4 Coastal thickets Ilha do Mosqueiro

Ph IK D-17.

woods

thickets

Nov. 1 (cult.) Breves

3 woods Gurupá

30581	Lacistema	S 12-15'		Nov. 3	woods	Guruipá	
30582	~~Pollipara?~~ Placourt?	T 30-40'	Petiol. y				
30583	Apoc.	T slender 10-15'	Cor. w pink, paley	dist.			
30584	Paullinia	S 8-12'					
30585	Lonchocarpus nicou "timbó legítimo"	"timbó urucú" S slender or low T, 8-12'	about 10 plants		woods	apparently (not cultivated)	from same plant collected 2016 by Duke (his no. 16561) 2016 bought
30586	Siparuna	S 10-12'					
30587	Clibadium	H coarse 3-5' ± woody	Cor. wh., anth. black				
30588	?	T 40-50'	Pet. stamens cream-wh.				
30589	Pogchotria	T slender 12-15'	~~Main bray~~ Rachis inf. fl., branches + cor., y				
30590	Tournefortia? Rub.?	S 10-15'	Cor. tube of fl., lobes green-wh				
30591	?	S 8-12'	Pet. wh				
30592	Muntingia	S 10-15'	Bracts r., cor. y				
30593	Bignon.	WV	Cor. rich pi., paler	prox.			
30594	Malpigh.	WV	Pet. y				
30595	Machaerium	S 6-10'	Pet. pale lil.				
30596	Acanth.	WV	Cor. bright r				
30597	Celastrac.	T 15-20'					
30598	~~Guatteria?~~	T 15-20'					
30599	Rub.	T. 10-15'	Cor. w.				
30600	~~Oral.?~~	S 10-12'					
30601	Melast.	T 10-15'					
30602	Placourt.	T 15-20'	Pet. w				
30603	Myrtac.	S 7-10'					
30604	Polygala	S 3-8'	Pet. pale pi.				
30605	?	S 10-12'	Buds pale y				
30606	Anthurium	E H					
30607	Myrt.	S 6-9'	Fr. bright r				
30608	Cube A "timbó rana"	S. 5-15; top brau. scan, S. ± 30 fl. scattered, not cult.					
30609	Piper	S 8-10'					
30610	Piper	S 6-8'					
30611	Piper	S 4-8'					
30612	Rub.	S 8-12'	Cor. grish w.				
30613	Schizaea	H			sandy clearing		
30614	Paspalanthus	H					
30615	Smilax	WV			woods		

30616	?	S 5-8'	Pet. wh.	Nov. 3	woods	Jurupá
30617	Monochaetum	S 1-2.5'	Pet, auth, o lib f	style rich pi.	sandy clearing	
30618	Piper	S 4-7'			woods	
30619	Piper	S 3-5'				
30620	Gaultheria	T 15-18'	Pet. wh			
30621	Rub.	S slender 10-12'	Cor. wh.			
30622	Phacount.	T 10-15'				
30623	? lex?	T 15-20'				
30624	Comp.	WV	Rep. o cois bright y			
30625	Apoc.	S 6-8'	Cor. wh.			
30626	malp.	W.U.	pet. br. y.	Nov. 7	thicket	Pará
30627	Mimosa	S or small T. 8-10'	fil. p.; aut g.			
30628	Ipomoea	H U	cor. p, deeper in.			
30629	Echinodorus	petioles 2.5-3', peduncle 3-4'				
30630	Polystichum	H	fer. w.; sta. gnib. y.		tidal swamp	
30631	Struthiopteris	H			swampy woods	
30632	Banisteria	H climbing				
30633	Ipomoea	S with tendr.	pendent branches pet. cr. w.			
30634	Serjania	H U. prostrate on ground	cor. p.		cleaning	
30635	Dioclea	H U.	pet. gnib. w.		thicket	
30636	scrophl?	U I woody	pet rib p.; stem pur.			
30637	Inga	S. 8-10'	cor. + fil. br. r.; aut.			
30638	Hymenocallis	T 30-35'	deep r.; sty. d. r. pet. gnib.; fil. w.		swampy woods	
30639	sapind	H peduncle 2-2.5'	fer. w.; sta. deep pur.		tidal swamp	
30640	lecyth	T. 35-40'	br. r.	9.	coastal thicket	Ilha do Mosqueiro
30641	Pleurothendrum	T.				
30642	laur.	S paras.				
30643	malp.	T 15-25'				
30644	Machaerium	U.U.				
30645	euph.	T. 30-40'	pet fish. w.			
30646	Inga	T. 25-35'				
30647	Citrus "lima dulce"	T. 25-30'	pet + fil. lightly.		cleaning, cult.	
30648	Ipomoea	T. 20-25'	sweet cor. w.		thickets	
30649	Polypodium	H U.				
30650	tiliac.	EH				
		T. 35-40'			woods	

30651	Bapund	S. slender	pet gnish w. fr. r.
30652	anon.	T. 20-25'	
30653	leg. 2	T. 30-40'	
30654	Psychotria	T. 15-20'	trav. of diff. r.; cor. tube w., lobes p.
30655	Macrolobium	T. 25-30'	
30656	bravel.	T.	spike 1.5' l., lvs. ± 3' l.; br. p.; per. gnish y.
30657	rub.	EH T. 10-15'	cor. gnish. w.
30658	Cyperus	H	
30659	Cactus	H 3-4'	per. w.
30660	apoc.	H slender,	car. w.
30661	rub. Aegiphila	I. 12-15' S. 10-12'	car. gnish. w.
30662	Macrolobium	T. 25-40'	pet w.
30663	Pleurodendron	T.	paras. on 30662
30664	Passiflora vespertilio	S.	
30665	rubi.	HV.	
30666	"	T. slender,	
		T. 15-20'	
		H 1-2'	
30667 =25062a	camp.		
30668 =21625a	Loasa		
30669	grass		
30670 =22185a	Cajophora		
30671 =22197a	Lachemilla		
30672 =22463a	Rub.		
30673 =22550a	aroid		
30674 =23040a	grass		
30675 =23455a	leg.		
30676 =23648a	Lindsaya		
30677 =23268a	eric.		
30678 =23236a	Bartsia		
30679 =23915a	Peperomia	Hter.	
30680 =24394a	solan.		
30681 =25288a	Ruellia		
30682 =25376a	Serjania		
30683 =26399a	Naias		
30684 =26599a	scroph.		
30685 =26630a	fungus on 26630		

Nov. 9. woods. Isla de Mosquitero

coastal thicket

P. S. 28-7

sandy beach	
open hillside	Río Blanco
~~edge of stream~~	" "
open hillside	" "
thicket "	between Huanta & Pangoa
open "	" "
woods	Ccarapa
dense forest	Aina
thickets	Estrella, bet. H. & Río Apurimac
wooded valley	La Merced
dense woods	Río Pinedo, near La Merced.
thickets	Pampalca
puna	bet. Pampalca & Pangoa
dense forest	~~La Merced~~ Chanuri
edge of woods	Carpapata
dense forest	Valley of Río Paucartambo near Perene bridge
"	" " "
in shallow pool	Puerto Yessup
clearing	Puerto Bermudez
thickets	" "

30686 = 26813a Acaulis
30687 = 27377a Asplenium
30688 = 27708a Hub.
30689 = 27724a Adiantum
30690 = 27837a Polybotrya
30691 = 28225a Piper
30692 = 28288a ~~capli~~
30693 = 24738a Hub.
30694 = 30218a Piper
30695 = 30469a Legnar)
30696 = 24444a orchid
30697 = 26343a Mimos. (fruiting spec.)
30698 = 25970a (fern; simple leaves)
30699 = 23076a Piper
30700 = 23376a ~~Polygonum sanguineum (L.) Fr.~~ ~~fungus (Uncate Dent.~~ J.A.S. 7/31/39
30701 = 22747a
30702 = 29281a Solanum topiro HBK?
30703 = no spec. Iquitos; bought in market. Some mountain " senorita 7/3/39
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dense forest	Calmapanas
woods	Iquitos
dense forest	Yurimaguas
" "	Puerto Arturo
" "	" "
" "	bet. Yuri & Balsapuerto
" "	" "
" "	Soledad, Rio Itaya
swampy jungle	Breves
sandy coast	Mosqueiro
edge of forest	Carapapala
thicket along river	P. Grosso
dense forest	San Nicolas
	Eshcela

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30801 See Eric personal notebook, Vol. 4.
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